



State of West Virginia
 Department of Administration
 Purchasing Division
 2019 Washington Street East
 Post Office Box 50130
 Charleston, WV 25305-0130

Request for Quotation

RFQ NUMBER
DNR209065

PAGE
1

ADDRESS CORRESPONDENCE TO ATTENTION OF
**FRANK WHITTAKER
 304-558-2316**

VENDOR

*615113726 800-385-0075
**PLAYGROUND SPECIALIST INC
 17352 N SETON AVE
 EMMITSBURG MD 21727**

SHIP TO

**DIVISION OF NATURAL RESOURCES
 CAMP CREEK STATE PARK
 ATTN: PARK SUPERINTENDENT
 POST OFFICE BOX 119
 CAMP CREEK, WV
 25820 425-9481**

DATE PRINTED 04/07/2009	TERMS OF SALE	SHIP VIA	F.O.B.	FREIGHT TERMS
-----------------------------------	---------------	----------	--------	---------------

BID OPENING DATE: **05/13/2009** BID OPENING TIME **01:30PM**

LINE	QUANTITY	UOP	CAT. NO.	ITEM NUMBER	UNIT PRICE	AMOUNT
0001	1	LS		650-38		
<p>PLAYGROUND EQUIPMENT (NOT OTHERWISE CLASSIFIED)</p> <p>THE WEST VIRGINIA PURCHASING DIVISION, FOR THE AGENCY, THE WEST VIRGINIA DIVISION OF NATURAL RESOURCES, IS SOLICITING BIDS FROM RESPONSIBLE VENDORS TO PROVIDE PLAYGROUND EQUIPMENT FOR CAMP CREEK STATE PARK, CAMP CREEK, MERCER COUNTY, WV.</p> <p>A MANDATORY PRE-BID CONFERENCE WILL BE HELD ON 04/21/09 AT 11:00 AM AT PARK HEADQUARTERS. FAILURE TO ATTEND THE MANDATORY PRE-BID MEETING WILL RESULT IN BID DISQUALIFICATION. AN INDIVIDUAL MAY NOT REPRESENT MORE THAN ONE FIRM AT THE PRE-BID MEETING.</p> <p>TECHNICAL QUESTIONS MAY BE SUBMITTED IN WRITING TO FRANK WHITTAKER IN THE PURCHASING DIVISION VIA FAX AT 304-558-4115 OR VIA EMAIL AT FRANK.M.WHITTAKER@WV.GOV DEADLINE FOR TECHNICAL QUESTIONS IS 04/24/09 @ 4:30 PM</p> <p>EXHIBIT 5</p> <p>WEST VIRGINIA CODE 21-1D-5 PROVIDES THAT: ANY SOLICITATION FOR A PUBLIC IMPROVEMENT CONSTRUCTION CONTRACT REQUIRES EACH VENDOR THAT SUBMITS A BID FOR THE WORK TO SUBMIT AT THE SAME TIME AN AFFIDAVIT OF COMPLIANCE WITH THE BID. THE ENCLOSED DRUG-FREE WORKPLACE AFFIDAVIT MUST BE SIGNED AND SUBMITTED WITH THE BID AS EVIDENCE OF THE VENDOR'S COMPLIANCE WITH THE PROVISIONS OF ARTICLE 1D, CHAPTER 21 OF THE WEST VIRGINIA CODE. FAILURE TO SUBMIT THE SIGNED DRUG-FREE WORKPLACE AFFIDAVIT WITH THE BID SHALL RESULT IN DISQUALIFICATION OF SUCH BID.</p>						

RECEIVED

2009 MAY -8 P 12:55

**PURCHASING DIVISION
 STATE OF WV**

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE *[Signature]* TELEPHONE **800/385-0075** DATE **5/5/09**

TITLE **SALES MGR** FEIN **522132887** ADDRESS CHANGES TO BE NOTED ABOVE

WHEN RESPONDING TO RFQ, INSERT NAME AND ADDRESS IN SPACE ABOVE LABELED 'VENDOR'



State of West Virginia
 Department of Administration
 Purchasing Division
 2019 Washington Street East
 Post Office Box 50130
 Charleston, WV 25305-0130

Request for Quotation

RFO NUMBER
DNR209065

PAGE
2

ADDRESS CORRESPONDENCE TO ATTENTION OF:
FRANK WHITTAKER
304-558-2316

VENDOR

*615113726 800-385-0075
PLAYGROUND SPECIALIST INC
17352 N SETON AVE

EMMITSBURG MD 21727

SHIP TO

DIVISION OF NATURAL RESOURCES
CAMP CREEK STATE PARK
ATTN: PARK SUPERINTENDENT
POST OFFICE BOX 119
CAMP CREEK, WV
25820 425-9481

DATE PRINTED	TERMS OF SALE	SHIP VIA	F.O.B.	FREIGHT TERMS
04/07/2009				

BID OPENING DATE: **05/13/2009** BID OPENING TIME **01:30PM**

LINE	QUANTITY	UOP	CAT NO	ITEM NUMBER	UNIT PRICE	AMOUNT
<p>NOTICE TO PROCEED: THIS CONTRACT IS TO BE PERFORMED WITHIN 90 CALENDAR DAYS AFTER THE NOTICE TO PROCEED IS RECEIVED. THE AGENCY WILL ISSUE THE NOTICE TO PROCEED IN WRITING.</p> <p>CANCELLATION: THE DIRECTOR OF PURCHASING RESERVES THE RIGHT TO CANCEL THIS CONTRACT IMMEDIATELY UPON WRITTEN NOTICE TO THE VENDOR IF THE MATERIALS OR WORKMANSHIP SUPPLIED ARE OF AN INFERIOR QUALITY OR DO NOT CONFORM WITH THE SPECIFICATIONS OF THE BID AND CONTRACT HERE IN.</p> <p>WAGE RATES: THE CONTRACTOR OR SUBCONTRACTOR SHALL PAY THE HIGHER OF THE U.S. DEPARTMENT OF LABOR MINIMUM WAGE RATES AS ESTABLISHED FOR MERCER COUNTY, PURSUANT TO WEST VIRGINIA CODE 21-5A, ET, SEQ. (PREVAILING WAGE RATES APPLY TO THIS PROJECT)</p> <p>ARBITRATION: ANY REFERENCES MADE TO ARBITRATION OR INTEREST FOR PAYMENTS DUE (EXCEPT FOR ANY INTEREST REQUIRED BY STATE LAW) CONTAINED IN THIS CONTRACT OR IN ANY AMERICAN INSTITUTE OF ARCHITECTS DOCUMENTS PERTAINING TO THIS CONTRACT ARE HEREBY DELETED.</p> <p>WORKERS' COMPENSATION: VENDOR IS REQUIRED TO PROVIDE A CERTIFICATE FROM WORKERS' COMPENSATION IF SUCCESSFUL.</p> <p>ALL OF THE ITEMS CHECKED BELOW WILL BE A REQUIREMENT OF THIS CONTRACT:</p> <p>(XX) INSURANCE: SUCCESSFUL VENDOR SHALL FURNISH PROOF OF COMMERCIAL GENERAL LIABILITY INSURANCE PRIOR TO ISSUANCE OF CONTRACT. UNLESS OTHERWISE SPECIFIED IN THE BID DOCUMENTS, THE MINIMUM AMOUNT OF INSURANCE COVERAGE REQUIRED IS \$250,000.</p>						

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE <i>Salks MGL</i>	TELEPHONE <i>800/385-0075</i>	DATE <i>5/5/09</i>
TITLE <i>Salks MGL</i>	FEIN <i>52 2132 887</i>	ADDRESS CHANGES TO BE NOTED ABOVE

WHEN RESPONDING TO RFQ, INSERT NAME AND ADDRESS IN SPACE ABOVE LABELED 'VENDOR'



State of West Virginia
 Department of Administration
 Purchasing Division
 2019 Washington Street East
 Post Office Box 50130
 Charleston, WV 25305-0130

Request for Quotation

RFQ NUMBER
DNR209065

PAGE
3

ADDRESS CORRESPONDENCE TO ATTENTION OF
**FRANK WHITTAKER
 304-558-2316**

VENDOR

*615113726 800-385-0075
 PLAYGROUND SPECIALIST INC
 17352 N SETON AVE

 EMMITSBURG MD 21727

SHIP TO

DIVISION OF NATURAL RESOURCES
 CAMP CREEK STATE PARK
 ATTN: PARK SUPERINTENDENT
 POST OFFICE BOX 119
 CAMP CREEK, WV
 25820 425-9481

DATE PRINTED	TERMS OF SALE	SHIP VIA	F.O.B.	FREIGHT TERMS
04/07/2009				

BID OPENING DATE: **05/13/2009** BID OPENING TIME **01:30PM**

LINE	QUANTITY	UOP	CAT. NO.	ITEM NUMBER	UNIT PRICE	AMOUNT
<p>() BUILDERS RISK INSURANCE: SUCCESSFUL VENDOR SHALL FURNISH PROOF OF BUILDERS RISK - ALL RISK INSURANCE IN AN AMOUNT EQUAL TO 100% OF THE AMOUNT OF THE CONTRACT.</p> <p>(XX) BONDS: FIVE PERCENT (5%) OF THE TOTAL AMOUNT OF THE BID PAYABLE TO THE STATE OF WEST VIRGINIA, SHALL BE SUBMITTED WITH EACH BID AS A BID BOND. THE SUCCESSFUL BIDDER SHALL ALSO FURNISH A PERFORMANCE BOND AND LABOR/MATERIAL BOND FOR 100% OF THE AMOUNT OF THE CONTRACT. BONDS MAY BE PROVIDED IN THE FORM OF A CERTIFIED CHECK, IRREVOCABLE LETTER OF CREDIT, OR BOND FURNISHED BY A SOLVENT SURETY COMPANY AUTHORIZED TO DO BUSINESS IN THE STATE OF WEST VIRGINIA. A LETTER OF CREDIT SUBMITTED IN LIEU OF A BOND WILL ONLY BE ALLOWED FOR PROJECTS UNDER \$100,000. PERSONAL OR BUSINESS CHECKS ARE NOT ACCEPCTABLE IN LIEU OF THE 5% BID BOND, PERFORMANCE BOND, OR LABOR AND MATERIAL BOND.</p> <p>() MAINTENANCE BOND: A TWO (2) YEAR MAINTENANCE BOND COVERING THE ROOFING SYSTEM WILL BE A REQUIREMENT OF THE SUCCESSFUL VENDOR.</p> <p>REV. 11/00</p> <p>EXHIBIT 7</p> <p>DOMESTIC ALUMINUM, GLASS & STEEL IN PUBLIC WORKS PROJECTS</p> <p>IN ACCORDANCE WITH WEST VIRGINIA CODE 5-19-1 ET., SEQ., EVERY CONTRACT FOR CONSTRUCTION, RECONSTRUCTION, ALTERATION, REPAIR, IMPROVEMENT OR MAINTENANCE OF PUBLIC WORKS, WHERE THE COST IS MORE THAN \$50,000 AND, IN THE CASE OF STEEL ONLY, WHERE THE COST OF STEEL IS</p>						

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE <i>St Sep</i>	TELEPHONE <i>800 385-0075</i>	DATE <i>5/5/09</i>
TITLE <i>SALES MGR</i>	FEIN <i>52 2132 887</i>	ADDRESS CHANGES TO BE NOTED ABOVE

WHEN RESPONDING TO RFQ, INSERT NAME AND ADDRESS IN SPACE ABOVE LABELED 'VENDOR'



State of West Virginia
 Department of Administration
 Purchasing Division
 2019 Washington Street East
 Post Office Box 50130
 Charleston, WV 25305-0130

Request for Quotation

RFQ NUMBER
DNR209065

PAGE
4

ADDRESS CORRESPONDENCE TO ATTENTION OF:
FRANK WHITTAKER
304-558-2316

VENDOR

*615113726 800-385-0075
PLAYGROUND SPECIALIST INC
17352 N SETON AVE

EMMITSBURG MD 21727

SHIP TO

DIVISION OF NATURAL RESOURCES
CAMP CREEK STATE PARK
ATTN: PARK SUPERINTENDENT
POST OFFICE BOX 119
CAMP CREEK, WV
25820 425-9481

DATE PRINTED	TERMS OF SALE	SHIP VIA	F.O.B.	FREIGHT TERMS
04/07/2009				

BID OPENING DATE: **05/13/2009** BID OPENING TIME **01:30PM**

LINE	QUANTITY	UOP	CAT. NO.	ITEM NUMBER	UNIT PRICE	AMOUNT
<p>MORE THAN \$50,000 OR WHERE MORE THAN 10,000 POUNDS OF STEEL ARE REQUIRED, THE STATE WILL ACCEPT ONLY ALUMINUM GLASS, OR STEEL PRODUCTS PRODUCED IN THE UNITED STATES. IN ADDITION, ITEMS OF MACHINERY OR EQUIPMENT PURCHASED FOR USE AT THE SITE OF PUBLIC WORKS SHALL BE MADE OF DOMESTIC ALUMINUM, GLASS OR STEEL, UNLESS THE COST OF THE PRODUCT IS LESS THAN \$50,000 OR LESS THAN 10,000 POUNDS OF STEEL ARE USED IN PUBLIC WORKS PROJECTS.</p> <p>FOREIGN MADE ALUMINUM, GLASS OR STEEL PRODUCTS MAY BE ACCEPTED ONLY IF THE COST OF DOMESTIC PRODUCTS IS FOUND TO BE UNREASONABLE. SUCH COST IS UNREASONABLE IF IT IS 20% OR MORE HIGHER THAN THE BID PRICE FOR FOREIGN MADE PRODUCTS. IF THE DOMESTIC ALUMINUM, GLASS OR STEEL PRODUCTS TO BE SUPPLIED OR PRODUCED IN A "SUBSTANTIAL LABOR SURPLUS AREA", AS DEFINED BY THE UNITED STATES DEPARTMENT OF LABOR, FOREIGN PRODUCTS MAY BE SUPPLIED ONLY IF DOMESTIC PRODUCTS ARE 30% OR MORE HIGHER IN PRICE THAN THE FOREIGN MADE PRODUCTS.</p> <p>IF, PRIOR TO THE AWARD OF A CONTRACT UNDER THE ABOVE PROVISIONS, THE SPENDING OFFICER OF THE SPENDING UNIT DETERMINES THAT THERE EXISTS A BID FOR LIKE FOREIGN ALUMINUM, GLASS OR STEEL THAT IS REASONABLE AND LOWER THAN THE LOWEST BID DOMESTIC PRODUCTS, THE SPENDING OFFICE MAY REQUEST, IN WRITING, A REEVALUATION AND REDUCTION IN THE LOWEST BID FOR SUCH DOMESTIC PRODUCTS. ALL VENDORS MUST INDICATE IN THEIR BID IF THEY ARE SUPPLYING FOREIGN ALUMINUM, GLASS OR STEEL.</p> <p>REV. 3/88</p> <p>EXHIBIT 9</p> <p>NOTICE FOR ISSUANCE & ACKNOWLEDGEMENT OF CONSTRUCTION</p>						

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE	TELEPHONE	DATE
<i>[Signature]</i>	800/385-0075	5/5/09
TITLE	FEIN	ADDRESS CHANGES TO BE NOTED ABOVE
SARAS MGR.	522132887	

WHEN RESPONDING TO RFQ, INSERT NAME AND ADDRESS IN SPACE ABOVE LABELED 'VENDOR'



State of West Virginia
 Department of Administration
 Purchasing Division
 2019 Washington Street East
 Post Office Box 50130
 Charleston, WV 25305-0130

**Request for
 Quotation**

RFQ NUMBER
DNR209065

PAGE
5

ADDRESS CORRESPONDENCE TO ATTENTION OF:
FRANK WHITTAKER 304-558-2316

VENDOR

*615113726 800-385-0075
 PLAYGROUND SPECIALIST INC
 17352 N SETON AVE

 EMMITSBURG MD 21727

SHIP TO

DIVISION OF NATURAL RESOURCES
 CAMP CREEK STATE PARK
 ATTN: PARK SUPERINTENDENT
 POST OFFICE BOX 119
 CAMP CREEK, WV
 25820 425-9481

DATE PRINTED	TERMS OF SALE	SHIP VIA	F.O.B.	FREIGHT TERMS
04/07/2009				

BID OPENING DATE: **05/13/2009** BID OPENING TIME **01:30PM**

LINE	QUANTITY	UOP	CAT NO	ITEM NUMBER	UNIT PRICE	AMOUNT
<p>PROJECT ADDENDA</p> <p>THE ARCHITECT/ENGINEER AND/OR AGENCY SHALL BE REQUIRED TO ABIDE BY THE FOLLOWING SCHEDULE IN ISSUING CONSTRUCTION PROJECT ADDENDA FOR STATE AGENCIES:</p> <p>(1) THE ARCHITECT/ENGINEER SHALL PREPARE THE ADDENDUM AND A LIST OF ALL PARTIES THAT HAVE PROCURED DRAWINGS AND SPECIFICATIONS FOR THE PROJECT. THE ADDENDUM AND LIST SHALL BE FORWARDED TO THE BUYER IN THE STATE PURCHASING DIVISION. THE ARCHITECT/ENGINEER SHALL ALSO SEND A COPY OF THE ADDENDUM TO THE STATE AGENCY FOR WHICH THE CONTRACT IS ISSUED.</p> <p>(2) THE BUYER SHALL SEND THE ADDENDUM TO ALL INTERESTED PARTIES AND, IF NECESSARY, EXTEND THE BID OPENING DATE. ANY ADDENDUM SHOULD BE RECEIVED BY THE BUYER WITHIN FOURTEEN (14) DAYS PRIOR TO THE BID OPENING DATE.</p> <p>(3) ALL ADDENDA SHOULD BE FORMALLY ACKNOWLEDGED BY ALL BIDDERS AND SUBMITTED TO THE STATE PURCHASING DIVISION. THE SAME RULES AND REGULATIONS THAT APPLY TO THE ORIGINAL BIDDING DOCUMENT SHALL ALSO APPLY TO AN ADDENDUM DOCUMENT. THE ONLY EXCEPTION MAY BE FOR AN ADDENDUM THAT IS ISSUED FOR THE SOLE PURPOSE OF CHANGING A BID OPENING TIME AND/OR DATE.</p> <p>REV. 11/96</p> <p>EXHIBIT 10</p> <p>ADDENDUM ACKNOWLEDGEMENT</p>						

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE <i>St Sef</i>	TELEPHONE <i>800/385-0075</i>	DATE <i>5/5/09</i>
TITLE <i>SARKS MGR</i>	FEIN <i>52 2132 887</i>	ADDRESS CHANGES TO BE NOTED ABOVE

WHEN RESPONDING TO RFQ, INSERT NAME AND ADDRESS IN SPACE ABOVE LABELED 'VENDOR'



State of West Virginia
 Department of Administration
 Purchasing Division
 2019 Washington Street East
 Post Office Box 50130
 Charleston, WV 25305-0130

Request for Quotation

RFQ NUMBER
DNR209065

PAGE
6

ADDRESS CORRESPONDENCE TO ATTENTION OF:
FRANK WHITTAKER
304-558-2316

VENDOR

*615113726 800-385-0075
PLAYGROUND SPECIALIST INC
17352 N SETON AVE

EMMITSBURG MD 21727

SHIP TO

DIVISION OF NATURAL RESOURCES
CAMP CREEK STATE PARK
ATTN: PARK SUPERINTENDENT
POST OFFICE BOX 119
CAMP CREEK, WV
25820 425-9481

DATE PRINTED 04/07/2009	TERMS OF SALE	SHIP VIA	F.O.B.	FREIGHT TERMS
-----------------------------------	---------------	----------	--------	---------------

BID OPENING DATE: **05/13/2009** BID OPENING TIME **01:30PM**

LINE	QUANTITY	UOP	CAT NO	ITEM NUMBER	UNIT PRICE	AMOUNT
<p>I HEREBY ACKNOWLEDGE RECEIPT OF THE FOLLOWING CHECKED ADDENDUM(S) AND HAVE MADE THE NECESSARY REVISIONS TO MY PROPOSAL, PLANS AND/OR SPECIFICATION, ETC.</p> <p>ADDENDUM NOS.:</p> <p>NO. 1 </p> <p>NO. 2 </p> <p>NO. 3 </p> <p>NO. 4 </p> <p>NO. 5 </p> <p>I UNDERSTAND THAT FAILURE TO CONFIRM THE RECEIPT OF THE ADDENDUM(S) MAY BE CAUSE FOR REJECTION OF THE BIDS.</p> <p>VENDOR MUST CLEARLY UNDERSTAND THAT ANY VERBAL REPRESENTATION MADE OR ASSUMED TO BE MADE DURING ANY ORAL DISCUSSION HELD BETWEEN VENDOR'S REPRESENTATIVES AND ANY STATE PERSONNEL IS NOT BINDING. ONLY THE INFORMATION ISSUED IN WRITING AND ADDED TO THE SPECIFICATIONS BY AN OFFICIAL ADDENDUM IS BINDING.</p> <p><i>S. S. Self</i> SIGNATURE <i>PLAYGROUND SPECIALISTS INC</i> COMPANY <i>5/5/09</i> DATE</p> <p>REV. 11/96</p>						

SEE REVERSE SIDE FOR TERMS AND CONDITIONS			
SIGNATURE <i>S. S. Self</i>	TELEPHONE <i>800/385-0075</i>	DATE <i>5/5/09</i>	
TITLE <i>SARKS MGR.</i>	FEIN <i>52 2132 887</i>	ADDRESS CHANGES TO BE NOTED ABOVE	

WHEN RESPONDING TO RFQ, INSERT NAME AND ADDRESS IN SPACE ABOVE LABELED 'VENDOR'



State of West Virginia
 Department of Administration
 Purchasing Division
 2019 Washington Street East
 Post Office Box 50130
 Charleston, WV 25305-0130

Request for Quotation

RFO NUMBER
DNR209065

PAGE
7

ADDRESS CORRESPONDENCE TO ATTENTION OF
FRANK WHITTAKER
304-558-2316

VENDOR

*615113726 800-385-0075
PLAYGROUND SPECIALIST INC
17352 N SETON AVE

EMMITSBURG MD 21727

SHIP TO

DIVISION OF NATURAL RESOURCES
CAMP CREEK STATE PARK
ATTN: PARK SUPERINTENDENT
POST OFFICE BOX 119
CAMP CREEK, WV
25820 425-9481

DATE PRINTED 04/07/2009	TERMS OF SALE	SHIP VIA	F.O.B.	FREIGHT TERMS
-----------------------------------	---------------	----------	--------	---------------

BID OPENING DATE: **05/13/2009** BID OPENING TIME **01:30PM**

LINE	QUANTITY	UOP	CAT NO	ITEM NUMBER	UNIT PRICE	AMOUNT
				CONTRACTORS LICENSE		
				WEST VIRGINIA STATE CODE 21-11-2 REQUIRES THAT ALL PERSONS DESIRING TO PERFORM CONTRACTING WORK IN THIS STATE MUST BE LICENSED. THE WEST VIRGINIA CONTRACTORS LICENSING BOARD IS EMPOWERED TO ISSUE THE CONTRACTORS LICENSE. APPLICATIONS FOR A CONTRACTORS LICENSE MAY BE MADE BY CONTACTING THE WEST VIRGINIA DIVISION OF LABOR CAPITOL COMPLEX, BUILDING 3, ROOM 319, CHARLESTON, WV 25305. TELEPHONE: (304) 558-7890.		
				WEST VIRGINIA STATE CODE 21-11-11 REQUIRES ANY PROSPECTIVE BIDDER TO INCLUDE THE CONTRACTORS LICENSE NUMBER ON THEIR BID.		
				BIDDER TO COMPLETE:		
				CONTRACTORS NAME: <i>PLAYGROUND SPECIALISTS INC</i>		
				CONTRACTORS LICENSE NO.: <i>WV044443</i>		
				THE SUCCESSFUL BIDDER WILL BE REQUIRED TO FURNISH A COPY OF THEIR CONTRACTORS LICENSE PRIOR TO ISSUANCE OF A PURCHASE ORDER/CONTRACT		
				APPLICABLE LAW		
				THE WEST VIRGINIA STATE CODE, PURCHASING DIVISION RULES AND REGULATIONS, AND THE INFORMATION PROVIDED IN THE "REQUEST FOR QUOTATION" ISSUED BY THE PURCHASING DIVISION IS THE SOLE AUTHORITY GOVERNING THIS PROCUREMENT.		
				ANY INFORMATION PROVIDED IN SPECIFICATION MANUALS, OR ANY OTHER SOURCE, VERBAL OR WRITTEN, WHICH CONTRADICTS OR ALTERS THE INFORMATION PROVIDED FROM THE SOURCES AS		

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE <i>JK Self</i>	TELEPHONE <i>800 385-0075</i>	DATE <i>5/5/09</i>
TITLE <i>Sales Mgr</i>	FEIN <i>52 2132 887</i>	ADDRESS CHANGES TO BE NOTED ABOVE

WHEN RESPONDING TO RFQ, INSERT NAME AND ADDRESS IN SPACE ABOVE LABELED 'VENDOR'



State of West Virginia
 Department of Administration
 Purchasing Division
 2019 Washington Street East
 Post Office Box 50130
 Charleston, WV 25305-0130

Request for Quotation

RFQ NUMBER
DNR209065

PAGE
8

ADDRESS CORRESPONDENCE TO ATTENTION OF
**FRANK WHITTAKER
 304-558-2316**

VENDOR

*615113726 800-385-0075
 PLAYGROUND SPECIALIST INC
 17352 N SETON AVE

 EMMITSBURG MD 21727

SHIP TO

DIVISION OF NATURAL RESOURCES
 CAMP CREEK STATE PARK
 ATTN: PARK SUPERINTENDENT
 POST OFFICE BOX 119
 CAMP CREEK, WV
 25820 425-9481

DATE PRINTED	TERMS OF SALE	SHIP VIA	F.O.B.	FREIGHT TERMS
04/07/2009				

BID OPENING DATE: **05/13/2009** BID OPENING TIME **01:30PM**

LINE	QUANTITY	UOP	CAT. NO.	ITEM NUMBER	UNIT PRICE	AMOUNT
<p>DESCRIBED IN THE ABOVE PARAGRAPH IS VOID AND OF NO EFFECT.</p> <p>BANKRUPTCY: IN THE EVENT THE VENDOR/CONTRACTOR FILES FOR BANKRUPTCY PROTECTION, THIS CONTRACT IS AUTOMATICALLY NULL AND VOID, AND IS TERMINATED WITHOUT FURTHER ORDER.</p> <p>REV. 1/2005</p> <p style="text-align: center;">NOTICE</p> <p>A SIGNED BID MUST BE SUBMITTED TO:</p> <p style="text-align: center;">DEPARTMENT OF ADMINISTRATION PURCHASING DIVISION BUILDING 15 2019 WASHINGTON STREET, EAST CHARLESTON, WV 25305-0130</p> <p>THE BID SHOULD CONTAIN THIS INFORMATION ON THE FACE OF THE ENVELOPE OR THE BID MAY NOT BE CONSIDERED:</p> <p>SEALED BID</p> <p>BUYER: 44</p> <p>REQ. NO.: DNR209065</p> <p>BID OPENING DATE: 05/13/09</p> <p>BID OPENING TIME: 1:30 PM</p> <p>PLEASE PROVIDE A FAX NUMBER IN CASE IT IS NECESSARY</p>						

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE <i>St Self</i>	TELEPHONE <i>800/385-0075</i>	DATE <i>5/5/09</i>
TITLE <i>SACCS MGR</i>	FEIN <i>522132887</i>	ADDRESS CHANGES TO BE NOTED ABOVE

WHEN RESPONDING TO RFQ, INSERT NAME AND ADDRESS IN SPACE ABOVE LABELED 'VENDOR'



State of West Virginia
 Department of Administration
 Purchasing Division
 2019 Washington Street East
 Post Office Box 50130
 Charleston, WV 25305-0130

Request for Quotation

RFQ NUMBER
DNR209065

PAGE
9

ADDRESS CORRESPONDENCE TO ATTENTION OF:
FRANK WHITTAKER
304-558-2316

VENDOR

*615113726 800-385-0075
 PLAYGROUND SPECIALIST INC
 17352 N SETON AVE

 EMMITSBURG MD 21727

SHIP TO

DIVISION OF NATURAL RESOURCES
 CAMP CREEK STATE PARK
 ATTN: PARK SUPERINTENDENT
 POST OFFICE BOX 119
 CAMP CREEK, WV
 25820 425-9481

DATE PRINTED 04/07/2009	TERMS OF SALE	SHIP VIA	F.O.B.	FREIGHT TERMS
-----------------------------------	---------------	----------	--------	---------------

BID OPENING DATE: **05/13/2009** BID OPENING TIME **01:30PM**

LINE	QUANTITY	UOP	CAT NO	ITEM NUMBER	UNIT PRICE	AMOUNT
TO CONTACT YOU REGARDING YOUR BID: ----- 301/271-9239 ----- PLEASE PRINT OR TYPE NAME OF PERSON TO CONTACT CONCERNING THIS QUOTE: ----- Steve Safer ----- ***** THIS IS THE END OF RFQ DNR209065 ***** TOTAL: <u>\$ 73627⁰⁰</u>						

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE <i>Steve Safer</i>	TELEPHONE 800 385-0075	DATE 5/5/09
TITLE SALES MGR	FEIN 52 2132 887	ADDRESS CHANGES TO BE NOTED ABOVE

WHEN RESPONDING TO RFQ, INSERT NAME AND ADDRESS IN SPACE ABOVE LABELED 'VENDOR'

Camp Creek State Park
PLAYGROUND EQUIPMENT SHEET

Please complete the below information concerning the brand(s) of equipment being bid in relation to this project. If bidding "or equal" brands, please attach manufacturer's literature documenting that it meets the mandatory requirements stated in the specifications. Vendors should note the areas of the provided manufacturer's literature that adheres to the mandatory requirements outlined in the Request For Proposal.

Item No.	Equipment	Manufacturer	Model
1	PowerScape play structure, Model #85168, or equal.	PLAYWORLD	P41709-1
2	Installation of item 1.	N/A	N/A
3	GameTime PrimeTime swing frame, Model # 12583, or equal.	PLAYWORLD	0288
4	GameTime PrimeTime add-a-bay, Model #12584, or equal.	PLAYWORLD	0315
5	Game Time enclosed tot swing package, Model #8696 or equal.	PLAYWORLD	0265
6	Game Time belt swing seat packages, Model #8910, or equal.	PLAYWORLD	0260
7	Power Scape 6' inground bench with back, Model #28009, or equal.	PLAYWORLD	1410
8	Game Time free standing 6' dueling wave zip slide, Model# 18396, or equal.	PLAYWORLD	CH2738
9	GameTime cruisin mate spring rider or equal: one (1) of Model #6057 (police car).	PLAYWORLD	0593 WAVEWORLD
10	GameTime cruisin mate spring rider or equal: one (1) Model # 6054 (fire chief car).	PLAYWORLD	0583-SIDELWORLD
11	Geo-textile fabric, 2,250 Sq. Ft. roll, or equal.	ZIEGLER BROTHERS	DL-6
12	Engineered wood fiber or equal @ 8" compacted depth.	ZIEGLER BROTHERS	WOODCARPET

Camp Creek State Park Playground Equipment

PRICING SHEET

Item No.	Quantity	Description	Unit Price	Amount
1	1	Play Structure: Power Scape Model #85168, or equal.	45058 ⁰⁰	45058 ⁰⁰
2	1	Installation of item 1.	16234 ⁰⁰	16234 ⁰⁰
3	1	GameTime PrimeTime swing frame, Model # 12583, or equal.	783.50	783.50
4	1	GameTime PrimeTime add-a-bay, Model #12584, or equal.	499 ⁰⁰	499.00
5	2	Game Time enclosed tot swing package, Model #8696 or equal.	114 ⁰⁰	228 ⁰⁰
6	4	Game Time belt swing seat packages, Model #8910, or equal.	57 ⁰⁰	228 ⁰⁰
7	2	Power Scape 6' inground bench with back, Model #28009, or equal.	288 ⁰⁰	576 ⁰⁰
8	1	Game Time free standing 6' dueling wave zip slide, Model# 18396, or equal.	2544 ⁰⁰	2544 ⁰⁰
9	1	GameTime cruisin mate spring rider or equal: one (1) of Model #6057 (police car).	850 ⁰⁰	850 ⁰⁰
10	1	GameTime cruisin mate spring rider or equal: one (1) Model # 6054 (fire chief car).	850 ⁰⁰	850 ⁰⁰
11	3 Rolls	Geo-textile fabric, 2,250 Sq. Ft. roll, or equal.	360 ⁰⁰	1080 ⁰⁰
12	6,262 Square Feet	Engineered wood fiber or equal @ 8" compacted depth.	75¢	4696.50
		TOTAL		\$73,627 ⁰⁰



State of West Virginia
DRUG FREE WORKPLACE CONFORMANCE AFFIDAVIT
West Virginia Code §21-1D-5

STATE OF Maryland

COUNTY OF Frederick, TO-WIT:

I, STRUEN SUTER, after being first duly sworn, depose and state as follows:

- 1. I am an employee of PLAYGROUND SPECIALISTS INC; and,
(Company Name)
- 2. I do hereby attest that PLAYGROUND SPECIALISTS INC
(Company Name)

maintains a valid written drug free workplace policy and that such policy is in compliance with **West Virginia Code §21-1D-5**.

The above statements are sworn to under the penalty of perjury.

PLAYGROUND SPECIALISTS INC
(Company Name)

By: [Signature]

Title: SALES MANAGER

Date: 5/5/09

Taken, subscribed and sworn to before me this 5th day of May 2009.

By Commission expires 4-1-11

(Seal)

[Signature]
(Notary Public)

THIS AFFIDAVIT MUST BE SUBMITTED WITH THE BID IN ORDER TO COMPLY WITH WV CODE PROVISIONS. FAILURE TO INCLUDE THE AFFIDAVIT WITH THE BID SHALL RESULT IN DISQUALIFICATION OF THE BID.

STATE OF WEST VIRGINIA
Purchasing Division

PURCHASING AFFIDAVIT

VENDOR OWING A DEBT TO THE STATE:

West Virginia Code §5A-3-10a provides that: No contract or renewal of any contract may be awarded by the state or any of its political subdivisions to any vendor or prospective vendor when the vendor or prospective vendor or a related party to the vendor or prospective vendor is a debtor and the debt owed is an amount greater than one thousand dollars in the aggregate.

PUBLIC IMPROVEMENT CONTRACTS & DRUG-FREE WORKPLACE ACT:

If this is a solicitation for a public improvement construction contract, the vendor, by its signature below, affirms that it has a written plan for a drug-free workplace policy in compliance with Article 1D, Chapter 21 of the *West Virginia Code*. The vendor **must** make said affirmation with its bid submission. Further, public improvement construction contract may not be awarded to a vendor who does not have a written plan for a drug-free workplace policy in compliance with Article 1D, Chapter 21 of the *West Virginia Code* and who has not submitted that plan to the appropriate contracting authority in timely fashion. For a vendor who is a subcontractor, compliance with Section 5, Article 1D, Chapter 21 of the *West Virginia Code* may take place before their work on the public improvement is begun.

ANTITRUST:

In submitting a bid to any agency for the state of West Virginia, the bidder offers and agrees that if the bid is accepted the bidder will convey, sell, assign or transfer to the state of West Virginia all rights, title and interest in and to all causes of action it may now or hereafter acquire under the antitrust laws of the United States and the state of West Virginia for price fixing and/or unreasonable restraints of trade relating to the particular commodities or services purchased or acquired by the state of West Virginia. Such assignment shall be made and become effective at the time the purchasing agency tenders the initial payment to the bidder.

I certify that this bid is made without prior understanding, agreement, or connection with any corporation, firm, limited liability company, partnership or person or entity submitting a bid for the same materials, supplies, equipment or services and is in all respects fair and without collusion or fraud. I further certify that I am authorized to sign the certification on behalf of the bidder or this bid.

LICENSING:

Vendors must be licensed and in good standing in accordance with any and all state and local laws and requirements by any state or local agency of West Virginia, including, but not limited to, the West Virginia Secretary of State's Office, the West Virginia Tax Department, West Virginia Insurance Commission, or any other state agencies or political subdivision. Furthermore, the vendor must provide all necessary releases to obtain information to enable the Director or spending unit to verify that the vendor is licensed and in good standing with the above entities.

CONFIDENTIALITY:

The vendor agrees that he or she will not disclose to anyone, directly or indirectly, any such personally identifiable information or other confidential information gained from the agency, unless the individual who is the subject of the information consents to the disclosure in writing or the disclosure is made pursuant to the agency's policies, procedures and rules. Vendor further agrees to comply with the Confidentiality Policies and Information Security Accountability Requirements, set forth in <http://www.state.wv.us/admin/purchase/privacy/noticeConfidentiality.pdf>.

Under penalty of law for false swearing (*West Virginia Code* §61-5-3), it is hereby certified that the vendor affirms and acknowledges the information in this affidavit and is in compliance with the requirements as stated.

Vendor's Name: PLAYGROUND SPECIALISTS INC
Authorized Signature: [Signature] Date: 5/5/09



State of West Virginia
 Department of Administration
 Purchasing Division
 2019 Washington Street East
 Post Office Box 50130
 Charleston, WV 25305-0130

Request for Quotation

RFQ NUMBER
 DNR209065

PAGE
 1

ADDRESS CORRESPONDENCE TO ATTENTION OF:
 FRANK WHITTAKER
 304-558-2316

VENDOR

*615113726 800-385-0075
 PLAYGROUND SPECIALIST INC
 17352 N SETON AVE
 EMMITSBURG MD 21727

SHIP TO

DIVISION OF NATURAL RESOURCES
 CAMP CREEK STATE PARK
 ATTN: PARK SUPERINTENDENT
 POST OFFICE BOX 119
 CAMP CREEK, WV
 25820 425-9481

DATE PRINTED	TERMS OF SALE	SHIP VIA	F.O.B.	FREIGHT TERMS
05/05/2009				

BID OPENING DATE: 05/13/2009 BID OPENING TIME 01:30PM

LINE	QUANTITY	UOP	CAT NO	ITEM NUMBER	UNIT PRICE	AMOUNT
0001	1	LS		650-38		
***** ADDENDUM NO. 1 ***** THIS ADDENDUM IS ISSUED TO PROVIDE THE ATTACHED PRE-BID SIGN IN SHEET RESULTING FROM THE MANDATORY PRE-BID MEETING HELD ON 04/21/09. PLAYGROUND EQUIPMENT (NOT OTHERWISE CLASSIFIED)						
***** THIS IS THE END OF RFQ DNR209065 ***** TOTAL:						\$ 73,627.00

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE <i>JS Sauls</i>	TELEPHONE 800/385-0025	DATE 5/11/09
TITLE SAULS MANAGER	FEIN 52-2132887	ADDRESS CHANGES TO BE NOTED ABOVE

WHEN RESPONDING TO RFQ, INSERT NAME AND ADDRESS IN SPACE ABOVE LABELED 'VENDOR'

**THE
CINCINNATI INSURANCE COMPANY**
CINCINNATI, OHIO

Bid Bond

KNOW ALL MEN BY THESE PRESENTS, that we **Playground Specialists, Inc**

as Principal, hereinafter called the Principal, and **THE CINCINNATI INSURANCE COMPANY**, 6200 S. Gilmore Road, Fairfield, Ohio 45014-5141, a corporation duly organized under the laws of the State of Ohio, as Surety, hereinafter called the Surety, are held and firmly bound unto

Department of Natural Resources

as Obligee, hereinafter called the Obligee, in the sum of **Five Percent of Amount Bid**

Dollars (\$ ~~--5%--~~),

for the payment of which sum well and truly to be made, the said Principal and the said Surety, bind ourselves, our heirs, executors, administrators, successors and assigns, jointly and severally, firmly by these presents.

WHEREAS, the Principal has submitted a bid for


Supply and Installation of Playground Equipment at Camp Creek

NOW, THEREFORE, if the Obligee shall accept the bid of the Principal and the Principal shall enter into a Contract with the Obligee in accordance with the terms of such bid, and give such bond or bonds as may be specified in the bidding or Contract Documents with good and sufficient surety for the faithful performance of such Contract and for the prompt payment of labor and material furnished in the prosecution thereof, or in the event of the failure of the Principal to enter such Contract and give such bond or bonds, if the Principal shall pay to the Obligee the difference not to exceed the penalty hereof between the amount specified in said bid and such larger amount for which the Obligee may in good faith contract with another party to perform the work covered by said bid, then this obligation shall be null and void, otherwise to remain in full force and effect.

Signed and sealed this **5th** day of **May**, 2009




(Witness)

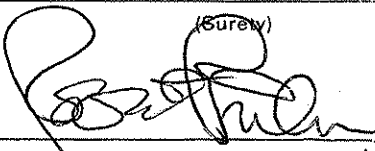


Michael A. Hayes
(Witness)

Playground Specialists, Inc.
(Principal) (Seal)

By: 
Jeffrey Barber - President (Title)

THE CINCINNATI INSURANCE COMPANY
(Surety) (Seal)

By: 
Robert Phelan Attorney-in-Fact

The Company executing this bond vouches that this document conforms to American Institute of Architects Document A310, February 1970 Edition.

THE CINCINNATI INSURANCE COMPANY

Fairfield, Ohio

POWER OF ATTORNEY

KNOW ALL MEN BY THESE PRESENTS: That THE CINCINNATI INSURANCE COMPANY, a corporation organized under the laws of the State of Ohio, and having its principal office in the City of Fairfield, Ohio, does hereby constitute and appoint

Robert Phelan; Michael Hayes; Mary Beth Pizzi; Marsha Hawbaker and/or Dennis M. Corapi

of Emmitsburg and Hagerstown, Maryland its true and lawful Attorney(s)-in-Fact to sign, execute, seal and deliver on its behalf as Surety, and as its act and deed, any and all bonds, policies, undertakings, or other like instruments, as follows:

Any such obligations in the United States, up to Twenty Million and No/100 Dollars (\$20,000,000.00).

This appointment is made under and by authority of the following resolution passed by the Board of Directors of said Company at a meeting held in the principal office of the Company, a quorum being present and voting, on the 6th day of December, 1958, which resolution is still in effect:

"RESOLVED, that the President or any Vice President be hereby authorized, and empowered to appoint Attorneys-in-Fact of the Company to execute any and all bonds, policies, undertakings, or other like instruments on behalf of the Corporation, and may authorize any officer or any such Attorney-in-Fact to affix the corporate seal; and may with or without cause modify or revoke any such appointment or authority. Any such writings so executed by such Attorneys-in-Fact shall be binding upon the Company as if they had been duly executed and acknowledged by the regularly elected officers of the Company."

This Power of Attorney is signed and sealed by facsimile under and by the authority of the following Resolution adopted by the Board of Directors of the Company at a meeting duly called and held on the 7th day of December, 1973.

"RESOLVED, that the signature of the President or a Vice President and the seal of the Company may be affixed by facsimile on any power of attorney granted, and the signature of the Secretary or Assistant Secretary and the seal of the Company may be affixed by facsimile to any certificate of any such power and any such power of certificate bearing such facsimile signature and seal shall be valid and binding on the Company. Any such power so executed and sealed and certified by certificate so executed and sealed shall, with respect to any bond or undertaking to which it is attached, continue to be valid and binding on the Company."

IN WITNESS WHEREOF, THE CINCINNATI INSURANCE COMPANY has caused these presents to be sealed with its corporate seal, duly attested by its Vice President this 1st day of April, 2007.

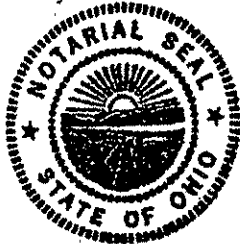


STATE OF OHIO) ss:
COUNTY OF BUTLER)

THE CINCINNATI INSURANCE COMPANY

Thomas H. Kelly
Vice President

On this 1st day of April, 2007, before me came the above-named Senior Vice President of THE CINCINNATI INSURANCE COMPANY, to me personally known to be the officer described herein, and acknowledged that the seal affixed to the preceding instrument is the corporate seal of said Company and the corporate seal and the signature of the officer were duly affixed and subscribed to said instrument by the authority and direction of said corporation.



Mark J. Huller
MARK J. HULLER, Attorney at Law
NOTARY PUBLIC - STATE OF OHIO
My commission has no expiration date. Section 147.03 O.R.C.

I, the undersigned Secretary or Assistant Secretary of THE CINCINNATI INSURANCE COMPANY, hereby certify that the above is a true and correct copy of the Original Power of Attorney issued by said Company, and do hereby further certify that the said Power of Attorney is still in full force and effect.

GIVEN under my hand and seal of said Company at Fairfield, Ohio.
this 5th day of MAY 2009



Gregory J. Schlemmer
Secretary

Camp Creek State Park

Design Number: P41709-1 - Compliance and Technical Data
 Reference Document: ASTM F1487-07

Ref. No.	Part No.	Qty.	Description	Unit ASTM Status	Total Weight (lbs)	Pre-Consumer Recycled Content (lbs)	CO2e Footprint (kgs)	Users	Install Hours	Concrete (Yds3)	Active Play Events
1	ZZPM0008	1	5in OD X 108in STEEL POST W/ RIVETED CAP	Certified	60.51		143	0	1.00	0.13	0
2	ZZPM0008GZ	1	5in OD X 108in POST W/ (GROUND ZERO)	Certified	60.61		143	0	1.50	0.18	0
3	ZZPM0026	13	5in OD X 132in STEEL POST W/ RIVETED CAP	Certified	964.73		2,243	0	13.00	1.56	0
4	ZZPM0046	3	5in OD X 156in STEEL POST W/ RIVETED CAP	Certified	263.13		607	0	3.00	0.39	0
5	ZZPM0056	4	5in OD X 168in STEEL POST W/ RIVETED CAP	Certified	370.04		844	0	4.00	0.52	0
6	ZZPM0066	5	5in OD X 180in STEEL POST W/ RIVETED CAP	Certified	504.05		1,170	0	5.00	0.65	0
7	ZZPM0067	4	5in OD X 180in STEEL POST W/O CAP	Certified	399.64		905	0	4.00	0.52	0
8	ZZPM0129	4	5in OD x 192in STEEL POST W/O CAP	Certified	421.64		962	0	4.00	0.48	0
9	ZZPM0616	6	SQUARE COATED DECK ASSEMBLY	Certified	542.16		1,424	4	6.00	0.00	0
10	ZZPM0617	6	TRIANGULAR COATED DECK ASSEMBLY	Certified	278.40		984	2	6.00	0.00	0
11	ZZPM2530	2	12in DECK TO DECK KICK PLATE	Certified	23.90		59	0	0.50	0.00	0
12	ZZPM2027	1	TRANSFER STATION (48in DECK)	Certified	287.44		948	3	2.00	0.09	0
13	ZZUN2019	1	APPROACH STEP FOR TRANSFER STATION	Certified	35.83		98	1	1.00	0.04	0
14	ZZPM2736	1	ONE PIECE 360 DEGREE PLASTIC SPIRAL SLIDE	Certified	897.09		1,975	3	6.00	0.16	1
15	ZZPM3126	1	GLIDE SLIDE (48in DECK)	Certified	131.54		587	2	2.00	0.03	1
16	ZZPM3136	6	SLITHER SLIDE ENTRY/EXIT	Certified	607.32		3,147	2	12.00	0.18	6
17	ZZPM8070	1	SLIDING POLE (48in DECK)	Certified	68.17		218	1	1.00	0.03	1
18	ZZUN3147	2	SLITHER SLIDE (LEFT 120 DEGREE SECTION)	Certified	81.44		523	0	0.50	0.00	0
19	ZZUN3156	12	SLITHER SLIDE (STRAIGHT - SECTION)	Certified	253.68		1,903	0	3.00	0.00	0
20	ZZUN3157	16	SLITHER SLIDE (RIGHT SECTION)	Certified	338.24		2,538	0	4.00	0.00	0
21	ZZUN3167	2	SLITHER SLIDE SUPPORT LEG 5ft-6in	Certified	45.68		195	0	0.50	0.06	0
22	ZZUN3168	4	SLITHER SLIDE SUPPORT LEG 4ft-6in	Certified	82.56		366	0	1.00	0.12	0
23	ZZUN3176	6	SLITHER SLIDE SUPPORT LEG 2ft-6in	Certified	97.44		480	0	1.50	0.18	0



Camp Creek State Park

Design Number: P41709-1 - Compliance and Technical Data
Reference Document: ASTM F1487-07

Ref. No.	Part No.	Qty.	Description	Unit ASTM Status	Total Weight (lbs)	Pre-Consumer Recycled Content (lbs)	CO2e Footprint (kgs)	Users	Install Hours	Concrete (Yds3)	Active Play Events
24	ZZPM4406	1	ACCESSIBLE DRIVING PANEL	Certified	31.59		223	1	0.50	0.00	1
25	ZZPM4570	1	PLAYSEAT	Certified	51.03		303	3	0.50	0.00	1
26	ZZPM4808	1	OVAL INSERT PANEL	Certified	34.04		279	1	0.50	0.00	1
27	ZZUN4300	2	STEERING WHEEL (PIPE WALL MOUNT)	Certified	10.78		84	1	0.50	0.00	2
28	ZZUN4801	1	MAKE-A-FACE INSERT	Certified	24.40		268	1	0.50	0.00	1
29	ZZPM4090	2	CENTERLINE PIPE WALL BARRIER	Certified	74.44		233	0	1.00	0.00	0
30	ZZPM6989	1	INCLINED CLIFF HANGER (72in DECK)	Certified	169.34		800	2	2.50	0.06	1
31	ZZPM7167	1	8ft TWISTED CLIMBER	Certified	142.07		353	2	2.00	0.60	1
32	ZZPM7658	1	SOLAR CLIMBER (48in DECK)	Certified	102.67		367	2	1.50	0.03	1
33	ZZPM7950	1	SILO CLIMBER (48in DECK)	Certified	77.70		215	2	1.50	0.07	1
34	ZZPM8130	1	BEANSTALK CLIMBER (72in DECK)	Certified	103.79		481	2	1.50	0.03	1
35	ZZPM8280	1	HOPSCOTCH CLIMBER (72in DECK)	Certified	101.06		272	2	2.00	0.06	1
36	ZZPM5770	1	LEG LIFT	Certified	7.20		35	1	0.50	0.00	1
37	ZZPM5790	1	10ft HORIZONTAL LOOP LADDER	Certified	84.46		326	3	1.00	0.00	1
38	ZZPM5960	1	OVERHEAD EVENT ACCESS LADDER (24in DECK)	Certified	26.96		86	1	1.50	0.06	0
39	ZZPM6888	1	TWIST-N-TWIRL	Certified	51.07		211	1	1.00	0.00	1
40	ZZUN6926	1	UNDER CATWALK LOOP LADDER	Certified	57.17		197	2	0.50	0.00	1
41	ZZPM6850	1	U-BOUNCE	Certified	104.76		410	1	3.00	0.00	1
42	ZZPM6590	1	6ft ARCH BRIDGE	Certified	223.35		675	3	1.50	0.00	1
43	ZZPM6890	1	10ft CATWALK	Certified	402.96		1,171	5	4.00	0.00	1
44	ZZPM4558	1	9in BELL (POST MOUNT)	Certified	6.53		60	1	0.25	0.00	1
45	ZZPM9846	2	CABANA ROOF	Certified	246.10		1,183	0	1.00	0.00	0
46	ZZPM9170	4	24in ACCESSIBLE STEPPED PLATFORM (DECK TO DECK)	Certified	699.44		2,386	1	8.00	0.00	0
47	ZZPMGUID	1	GENERAL GUIDELINES FOR PLAYMAKER	N/A	0.00		0	0	0.25	0.00	0
48	ZZUN9910	1	SURFACING WARNING LABEL KIT	Certified	0.05		0	0	0.25	0.00	0
49	ZZUN9930	1	PIPE SYSTEMS MAINTENANCE KIT W/ AEROSOL	N/A	13.07		51	0	0.25	0.00	0



Camp Creek State Park

Design Number: P41709-1 - Compliance and Technical Data
 Reference Document: ASTM F1487-07

Ref. No.	Part No.	Qty.	Description	Unit ASTM Status	Total Weight (lbs)	Pre-Consumer Recycled Content (lbs)	Post-Consumer Recycled Content (lbs)	CO2e Footprint (kgs)	Users	Install Hours	Concrete (Yds3)	Active Play Events
50	ZZUN9990	1	TOOL AND ADDITIONAL PARTS KIT W/AEROSOL	N/A	3.46			31	0	0.25	0.00	0
Totals:					9,664.73	273	2,223	33,162	56	120.25	6.23	29
					4,349.13 Kg	123 Kg	1,000 Kg	33 Metric Tons			4.73 m3	





Product Specifications

©Playworld Systems, Inc. Tuesday, May 05, 2009

5" O.D. X 108" STEEL POST W/ CAP

ZZPM0008

5 in. Support Post

Shall be fabricated of 5 in. outside diameter, 11 gauge galvanized steel tubing. (See Tubing) Finished with a baked on polyester powder coating. (See Superdurable Polyester Powder Coat Finish)

Crown/Post/End Cap

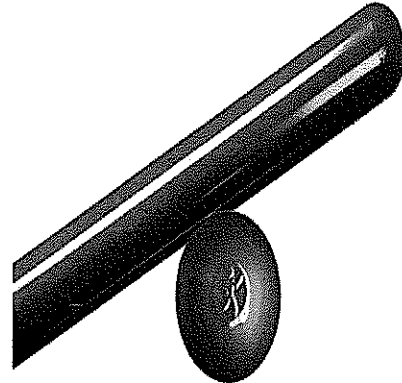
Shall be cast of high strength Almag 35 (535.0-F) aluminum alloy. Ultimate tensile strength shall be 40 ksi. Yield strength shall be 21 ksi. Each crown and post cap shall be fastened to the end of the tubing with drive rivets. Plastic post end caps and plastic rivets are unacceptable. Finished with a 420 micro finish and a baked on polyester powder coating. (See Superdurable Polyester Powder Coat Finish) ASTM Specifications: B-26. Federal Specifications: QQ-A-601.

Drive Rivet

The rivet shall be fabricated of 2117 aluminum alloy. The pin shall be fabricated of 7075 aluminum alloy.

Steel Tubing - 5 in. OD, 11 ga.

Tensile strength shall be 55,000 psi. Yield strength shall be 50,000 psi.



* See Note

Component Number:	ZZPM0008
Specification Rev:	ECN343
Component Weight:	60.50 Lbs.
Amount of Concrete:	0.13 Yds.
Pre-Consumer Recycle:	0.00 Lbs.
Post-Consumer Recycle:	18.15 Lbs.
CO2e Footprint:	142.77 Kgs.

* The photos shown are for product representation only. The actual products may vary in size and color depending upon application.



Product Specifications

©Playworld Systems, Inc. Tuesday, May 05, 2009

5in OD X 108in POST W/ (GROUND ZERO)

ZZPM0008GZ

5 in. Support Post

Shall be fabricated of 5 in. outside diameter, 11 gauge galvanized steel tubing. (See Tubing) Finished with a baked on polyester powder coating. (See Superdurable Polyester Powder Coat Finish)

Crown/Post/End Cap

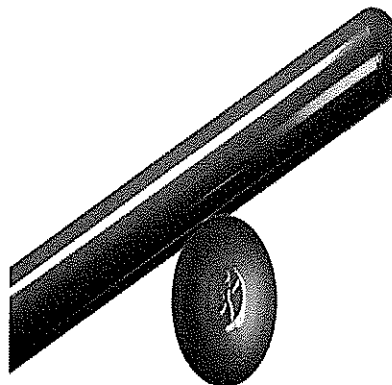
Shall be cast of high strength Almag 35 (535.0-F) aluminum alloy. Ultimate tensile strength shall be 40 ksi. Yield strength shall be 21 ksi. Each crown and post cap shall be fastened to the end of the tubing with drive rivets. Plastic post end caps and plastic rivets are unacceptable. Finished with a 420 micro finish and a baked on polyester powder coating. (See Superdurable Polyester Powder Coat Finish) ASTM Specifications: B-26. Federal Specifications: QQ-A-601.

Drive Rivet

The rivet shall be fabricated of 2117 aluminum alloy. The pin shall be fabricated of 7075 aluminum alloy.

Steel Tubing - 5 in. OD, 11 ga.

Tensile strength shall be 55,000 psi. Yield strength shall be 50,000 psi.



* See Note

Component Number:	ZZPM0008GZ
Specification Rev:	ECN343
Component Weight:	60.61 Lbs.
Amount of Concrete:	0.18 Yds.
Pre-Consumer Recycle:	0.00 Lbs.
Post-Consumer Recycle:	18.18 Lbs.
CO2e Footprint:	142.77 Kgs.

* The photos shown are for product representation only. The actual products may vary in size and color depending upon application.



Product Specifications

©Playworld Systems, Inc. Tuesday, May 05, 2009

5in OD X 132in STEEL POST W/ RIVETED CAP

ZZPM0026

5 in. Support Post

Shall be fabricated of 5 in. outside diameter, 11 gauge galvanized steel tubing. (See Tubing) Finished with a baked on polyester powder coating. (See Superdurable Polyester Powder Coat Finish)

Crown/Post/End Cap

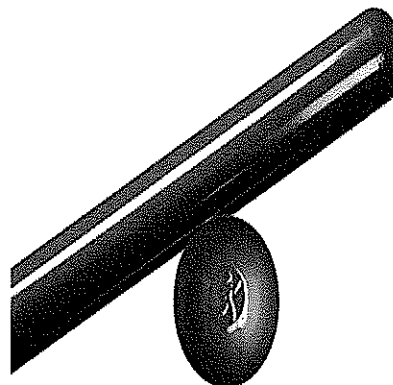
Shall be cast of high strength Almag 35 (535.0-F) aluminum alloy. Ultimate tensile strength shall be 40 ksi. Yield strength shall be 21 ksi. Each crown and post cap shall be fastened to the end of the tubing with drive rivets. Plastic post end caps and plastic rivets are unacceptable. Finished with a 420 micro finish and a baked on polyester powder coating. (See Superdurable Polyester Powder Coat Finish) ASTM Specifications: B-26. Federal Specifications: QQ-A-601.

Drive Rivet

The rivet shall be fabricated of 2117 aluminum alloy. The pin shall be fabricated of 7075 aluminum alloy.

Steel Tubing - 5 in. OD, 11 ga.

Tensile strength shall be 55,000 psi. Yield strength shall be 50,000 psi.



* See Note

Component Number:	ZZPM0026
Specification Rev:	ECN605
Component Weight:	74.21 Lbs.
Amount of Concrete:	0.12 Yds.
Pre-Consumer Recycle:	0.00 Lbs.
Post-Consumer Recycle:	22.26 Lbs.
CO2e Footprint:	172.53 Kgs.

* The photos shown are for product representation only. The actual products may vary in size and color depending upon application.



Product Specifications

©Playworld Systems, Inc. Tuesday, May 05, 2009

5in OD X 156in STEEL POST W/ RIVETED CAP

ZZPM0046

5 in. Support Post

Shall be fabricated of 5 in. outside diameter, 11 gauge galvanized steel tubing. (See Tubing) Finished with a baked on polyester powder coating. (See Superdurable Polyester Powder Coat Finish)

Crown/Post/End Cap

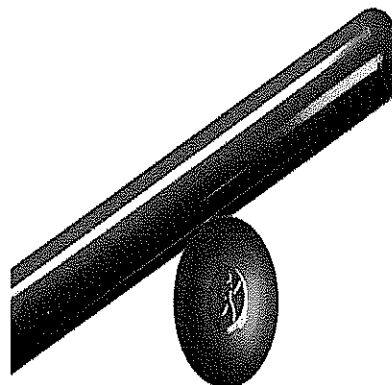
Shall be cast of high strength Almag 35 (535.0-F) aluminum alloy. Ultimate tensile strength shall be 40 ksi. Yield strength shall be 21 ksi. Each crown and post cap shall be fastened to the end of the tubing with drive rivets. Plastic post end caps and plastic rivets are unacceptable. Finished with a 420 micro finish and a baked on polyester powder coating. (See Superdurable Polyester Powder Coat Finish) ASTM Specifications: B-26. Federal Specifications: QQ-A-601.

Steel Tubing - 5 in. OD, 11 ga.

Tensile strength shall be 55,000 psi. Yield strength shall be 50,000 psi.

Drive Rivet

The rivet shall be fabricated of 2117 aluminum alloy. The pin shall be fabricated of 7075 aluminum alloy.



* See Note

Component Number:	ZZPM0046
Specification Rev:	ECN343
Component Weight:	87.71 Lbs.
Amount of Concrete:	0.13 Yds.
Pre-Consumer Recycle:	0.00 Lbs.
Post-Consumer Recycle:	26.31 Lbs.
CO2e Footprint:	202.27 Kgs.

* The photos shown are for product representation only. The actual products may vary in size and color depending upon application.



Product Specifications

©Playworld Systems, Inc. Tuesday, May 05, 2009

5in OD X 168in STEEL POST W/ RIVETED CAP

ZZPM0056

5 in. Support Post

Shall be fabricated of 5 in. outside diameter, 11 gauge galvanized steel tubing. (See Tubing) Finished with a baked on polyester powder coating. (See Superdurable Polyester Powder Coat Finish)

Crown/Post/End Cap

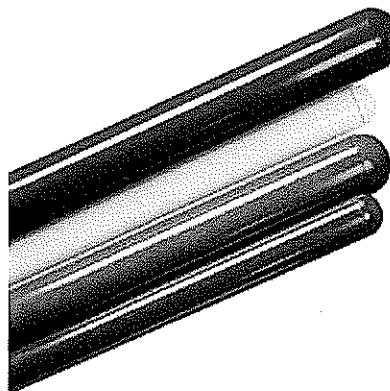
Shall be cast of high strength Almag 35 (535.0-F) aluminum alloy. Ultimate tensile strength shall be 40 ksi. Yield strength shall be 21 ksi. Each crown and post cap shall be fastened to the end of the tubing with drive rivets. Plastic post end caps and plastic rivets are unacceptable. Finished with a 420 micro finish and a baked on polyester powder coating. (See Superdurable Polyester Powder Coat Finish) ASTM Specifications: B-26. Federal Specifications: QQ-A-601.

Drive Rivet

The rivet shall be fabricated of 2117 aluminum alloy. The pin shall be fabricated of 7075 aluminum alloy.

Steel Tubing - 5 in. OD, 11 ga.

Tensile strength shall be 55,000 psi. Yield strength shall be 50,000 psi.



* See Note

Component Number:	ZZPM0056
Specification Rev:	ECN343
Component Weight:	92.51 Lbs.
Amount of Concrete:	0.13 Yds.
Pre-Consumer Recycle:	0.00 Lbs.
Post-Consumer Recycle:	27.75 Lbs.
CO2e Footprint:	211.10 Kgs.

* The photos shown are for product representation only. The actual products may vary in size and color depending upon application.



Product Specifications

©Playworld Systems, Inc. Tuesday, May 05, 2009

5in OD X 180in STEEL POST W/ RIVETED CAP

ZZPM0066

5 in. Support Post

Shall be fabricated of 5 in. outside diameter, 11 gauge galvanized steel tubing. (See Tubing) Finished with a baked on polyester powder coating. (See Superdurable Polyester Powder Coat Finish)

Crown/Post/End Cap

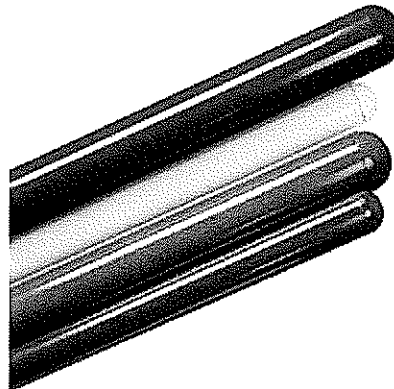
Shall be cast of high strength Almag 35 (535.0-F) aluminum alloy. Ultimate tensile strength shall be 40 ksi. Yield strength shall be 21 ksi. Each crown and post cap shall be fastened to the end of the tubing with drive rivets. Plastic post end caps and plastic rivets are unacceptable. Finished with a 420 micro finish and a baked on polyester powder coating. (See Superdurable Polyester Powder Coat Finish) ASTM Specifications: B-26. Federal Specifications: QQ-A-601.

Drive Rivet

The rivet shall be fabricated of 2117 aluminum alloy. The pin shall be fabricated of 7075 aluminum alloy.

Steel Tubing - 5 in. OD, 11 ga.

Tensile strength shall be 55,000 psi. Yield strength shall be 50,000 psi.



* See Note

Component Number:	ZZPM0066
Specification Rev:	ECN343
Component Weight:	100.81 Lbs.
Amount of Concrete:	0.13 Yds.
Pre-Consumer Recycle:	0.00 Lbs.
Post-Consumer Recycle:	30.24 Lbs.
CO2e Footprint:	233.97 Kgs.

* The photos shown are for product representation only. The actual products may vary in size and color depending upon application.



Product Specifications

©Playworld Systems, Inc. Tuesday, May 05, 2009

5in OD X 180in STEEL POST W/O CAP

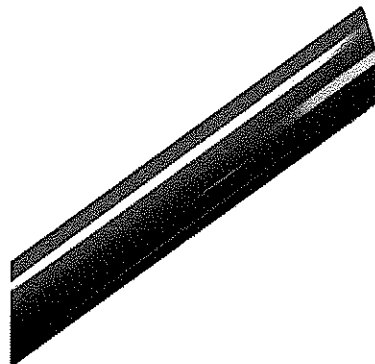
5 in. Support Post

Shall be fabricated of 5 in. outside diameter, 11 gauge galvanized steel tubing. (See Tubing) Finished with a baked on polyester powder coating. (See Superdurable Polyester Powder Coat Finish)

Steel Tubing - 5 in. OD, 11 ga.

Tensile strength shall be 55,000 psi. Yield strength shall be 50,000 psi.

ZZPM0067



* See Note

Component Number:	ZZPM0067
Specification Rev:	ECN343
Component Weight:	99.91 Lbs.
Amount of Concrete:	0.13 Yds.
Pre-Consumer Recycle:	0.00 Lbs.
Post-Consumer Recycle:	29.97 Lbs.
CO2e Footprint:	226.32 Kgs.

* The photos shown are for product representation only. The actual products may vary in size and color depending upon application.



Product Specifications

©Playworld Systems, Inc. Tuesday, May 05, 2009

5in OD x 192in STEEL POST W/O CAP

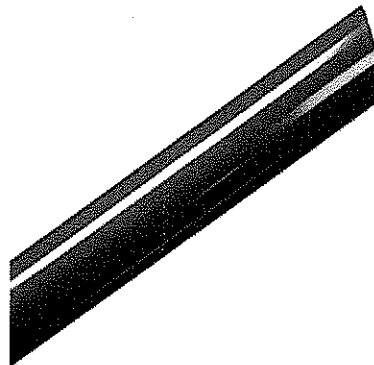
5 in. Support Post

Shall be fabricated of 5 in. outside diameter, 11 gauge galvanized steel tubing. (See Tubing) Finished with a baked on polyester powder coating. (See Superdurable Polyester Powder Coat Finish)

Steel Tubing - 5 in. OD, 11 ga.

Tensile strength shall be 55,000 psi. Yield strength shall be 50,000 psi.

ZZPM0129



* See Note

Component Number:	ZZPM0129
Specification Rev:	PA686
Component Weight:	105.41 Lbs.
Amount of Concrete:	0.12 Yds.
Pre-Consumer Recycle:	0.00 Lbs.
Post-Consumer Recycle:	31.62 Lbs.
CO2e Footprint:	240.44 Kgs.

* The photos shown are for product representation only. The actual products may vary in size and color depending upon application.



Product Specifications

©Playworld Systems, Inc. Tuesday, May 05, 2009

SQUARE COATED DECK ASSEMBLY

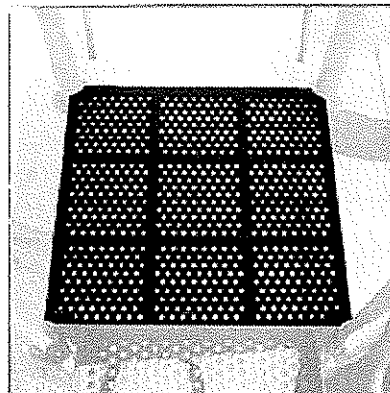
5 in. Die Cast Clamp

Shall be die cast of high strength 380 aluminum alloy. Clamps shall be provided as hinged assemblies to facilitate structure assembly and an S-lap design to eliminate string entanglement. (See Die Cast Clamps) Finished with a shot blast and a powder coating. (See Superdurable Polyester Powder Coat Finish) Because a hinged clamp design provides the easiest and most flexible installation, clamps which incorporate a slip-through design or clamping devices that use a "bolt through" design are not acceptable. The use of two (2) piece steel half clamps are not acceptable due to poor weatherability and inherent rust problem.

PM Square Coated Platform

Deck surface and sides shall be die formed from a single sheet of 12 gauge hot rolled, pickled and oiled flat steel. Deck surface shall have .34 in. (9 mm) diameter perforated holes. Decks shall have slots along each face to accommodate face mounting of components. The flange formed decks shall also incorporate the use of underdeck support struts to insure structural integrity. Square deck shall have 2226 square inches (1436215 square mm) of surface area. Entire deck weldment shall have a protective coating. (See Coated Finish)

ZZPM0616



* See Note

Component Number:	ZZPM0616
Specification Rev:	PA704
Component Weight:	90.36 Lbs.
Number of Users:	4
Pre-Consumer Recycle:	7.90 Lbs.
Post-Consumer Recycle:	25.89 Lbs.
CO2e Footprint:	237.41 Kgs.

* The photos shown are for product representation only. The actual products may vary in size and color depending upon application.



Product Specifications

©Playworld Systems, Inc. Tuesday, May 05, 2009

TRIANGULAR COATED DECK ASSEMBLY

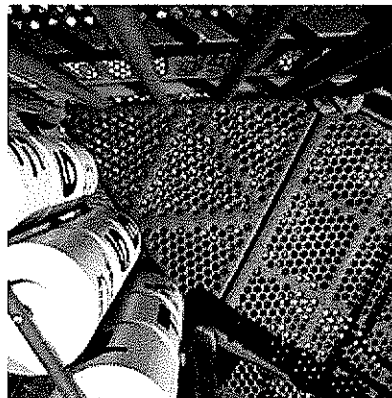
5 in. Die Cast Clamp

Shall be die cast of high strength 380 aluminum alloy. Clamps shall be provided as hinged assemblies to facilitate structure assembly and an S-lap design to eliminate string entanglement. (See Die Cast Clamps) Finished with a shot blast and a powder coating. (See Superdurable Polyester Powder Coat Finish) Because a hinged clamp design provides the easiest and most flexible installation, clamps which incorporate a slip-through design or clamping devices that use a "bolt through" design are not acceptable. The use of two (2) piece steel half clamps are not acceptable due to poor weatherability and inherent rust problem.

Coated Deck / Platform - 12 ga

Shall be an all welded assembly fabricated of 12 gauge hot rolled, pickled and oiled flat steel. Deck surface and sides shall be die formed from a single sheet of 12 gauge hot rolled, pickled and oiled flat steel. Deck surface shall have .34 in. (9mm) diameter perforated holes. Entire weldment shall have a protective coating. (See Coated Finish)

ZZPM0617



* See Note

Component Number:	ZZPM0617
Specification Rev:	PA705
Component Weight:	46.40 Lbs.
Number of Users:	2
Pre-Consumer Recycle:	4.77 Lbs.
Post-Consumer Recycle:	15.20 Lbs.
CO2e Footprint:	164.04 Kgs.

* The photos shown are for product representation only. The actual products may vary in size and color depending upon application.



Product Specifications

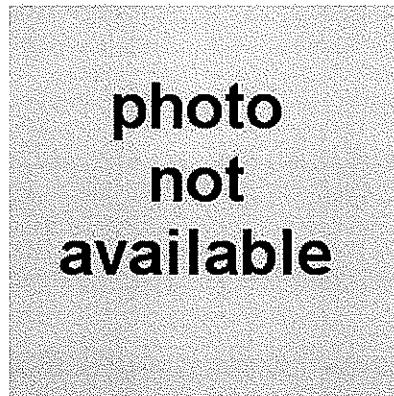
©Playworld Systems, Inc. Tuesday, May 05, 2009

12in DECK TO DECK KICK PLATE

Kickplate / Nose Bracket

Shall be fabricated from a single sheet of 14 gauge galvanized sheet steel. Shall have a minimum G60 galvanizing and regular spangle commercial quality. Finished with a baked on polyester powder coating or PrismCoat. (See PrismCoat / Polyester Powder Coat Finish)

ZZPM2530



* See Note

Component Number:	ZZPM2530
Specification Rev:	PA429
Component Weight:	11.95 Lbs.
Pre-Consumer Recycle:	0.68 Lbs.
Post-Consumer Recycle:	2.49 Lbs.
CO2e Footprint:	29.35 Kgs.

* The photos shown are for product representation only. The actual products may vary in size and color depending upon application.



Product Specifications

©Playworld Systems, Inc. Tuesday, May 05, 2009

TRANSFER STATION (48in DECK)

Step Support Leg

Shall be fabricated of 2.375 in. outside diameter, 12 gauge galvanized steel tubing; and .188 in. hot rolled flat steel. (See Tubing.) Finished with a baked on polyester powder coating or PrismCoat. (See PrismCoat / Polyester Powder Coat Finish)

5 in. Die Cast Clamp

Shall be die cast of high strength 380 aluminum alloy. Clamps shall be provided as hinged assemblies to facilitate structure assembly and an S-lap design to eliminate string entanglement. (See Die Cast Clamps) Finished with a shot blast and a powder coating. (See Superdurable Polyester Powder Coat Finish) Because a hinged clamp design provides the easiest and most flexible installation, clamps which incorporate a slip-through design or clamping devices that use a "bolt through" design are not acceptable. The use of two (2) piece steel half clamps are not acceptable due to poor weatherability and inherent rust problem.

Protective Barrier - Coped

Shall be an all welded assembly fabricated of 1.029 in. outside diameter, 14 gauge and 1.315 in. outside diameter, 14 gauge galvanized steel tubing. (See Tubing.) Finished with a baked on polyester powder coating or PrismCoat. (See PrismCoat / Polyester Powder Coat Finish) All tube to tube weld connections shall be coped before welding to provide a clean look and the strongest joint possible. Flattened or partially flattened tubing weld connections are not acceptable.

Grabbar

Shall be an all welded assembly fabricated of 2.375 in. outside diameter, 12 gauge galvanized steel tubing; 1.029 in. outside diameter, 14 gauge galvanized steel tubing; and .188 in. zinc plated, hot rolled, pickled and oiled flat steel. (See Tubing) Finished with a baked on polyester powder coating or PrismCoat. (See PrismCoat / Polyester Powder Coat Finish)

Coated Transfer Deck - sm holes

Shall be an all welded assembly die formed from a single sheet of 12 gauge hot rolled, pickled and oiled flat steel. Deck surface shall have .344 in. diameter perforated holes. Entire deck weldment shall have a protective coating. (See Coated Finish)

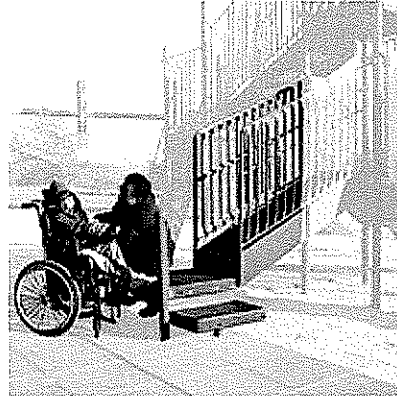
Coated Perf. Stair / Accessible Stair

Shall be an all welded assembly fabricated of 14 gauge hot rolled, pickled, and oiled flat steel and 11 gauge hot rolled, pickled and oiled flat steel. Stair surface shall have .34 in. (9 mm) perforated holes. Entire stair assembly shall have a protective coating. (See Coated Finish)

Steel Tubing - 1.029 in. OD, 14 ga.

Tensile strength shall be 55,000 psi. Yield strength shall be 50,000

ZZPM2027



* See Note

Component Number:	ZZPM2027
Specification Rev:	PA765
Component Weight:	287.44 Lbs.
Number of Users:	3
Amount of Concrete:	0.09 Yds.
Pre-Consumer Recycle:	11.62 Lbs.
Post-Consumer Recycle:	86.60 Lbs.
CO2e Footprint:	947.96 Kgs.

psi.

Steel Tubing - 1.315 in. OD, 14 ga.

Tensile strength shall be 75,000 psi. Yield strength shall be 60,000 psi.

* The photos shown are for product representation only. The actual products may vary in size and color depending upon application.



Product Specifications

©Playworld Systems, Inc. Tuesday, May 05, 2009

APPROACH STEP FOR TRANSFER STATION

2.375 in. Support Post with Plate

Shall be fabricated of 2.375 in. outside diameter, 12 gauge galvanized steel tubing; and .125 in. zinc plated, hot rolled flat steel. (See Tubing) Finished with a baked on polyester powder coating or PrismCoat. (See PrismCoat / Polyester Powder Coat Finish)

Approach Step

Approach step shall be an all-welded assembly fabricated of 11 gauge and 14 gauge hot rolled, pickled and oiled flat steel. Approach step surface and sides shall be die-formed from a single sheet of 12 gauge hot rolled, pickled and oiled flat steel. Approach step surface shall have .344 in. (8 mm) diameter perforated holes. Entire deck weldment shall have a protective coating. (See Coated Finish)

ZZUN2019



* See Note

Component Number:	ZZUN2019
Specification Rev:	PA769
Component Weight:	35.83 Lbs.
Number of Users:	1
Amount of Concrete:	0.04 Yds.
Pre-Consumer Recycle:	1.72 Lbs.
Post-Consumer Recycle:	9.61 Lbs.
CO2e Footprint:	97.62 Kgs.

* The photos shown are for product representation only. The actual products may vary in size and color depending upon application.



Product Specifications

©Playworld Systems, Inc. Tuesday, May 05, 2009

ONE PIECE 360 DEGREE PLASTIC SPIRAL SLIDE

Connector - reg319 aluminum (23 ksi)

Cast of regular 319 (319.0-F) aluminum. Ultimate tensile strength shall be 23 ksi. Yield strength shall be 13 ksi. Finished with a 420 micro finish and a baked on polyester powder coating. (See Superdurable Polyester Powder Coat Finish) ASTM Specifications: B-26. Federal Specifications: QQ-A-601.

5 in. Die Cast Clamp

Shall be die cast of high strength 380 aluminum alloy. Clamps shall be provided as hinged assemblies to facilitate structure assembly and an S-lap design to eliminate string entanglement. (See Die Cast Clamps) Finished with a shot blast and a powder coating. (See Superdurable Polyester Powder Coat Finish) Because a hinged clamp design provides the easiest and most flexible installation, clamps which incorporate a slip-through design or clamping devices that use a "bolt through" design are not acceptable. The use of two (2) piece steel half clamps are not acceptable due to poor weatherability and inherent rust problem.

Spiral Slide Barrier (11 GA)

Shall be an all welded assembly fabricated of 1.315 in. outside diameter, 14 gauge galvanized steel tubing, 1.029 in. outside diameter, 14 gauge galvanized steel tubing, 11 gauge yellow zinc plated hot rolled pickled and oiled flat steel. (See Tubing) Vertical tubing shall have coped lower ends. Finished with a baked on polyester powder coating. (See Superdurable Polyester Powder Coat Finish)

Slide Gate (13 GA)

Shall be an all welded assembly fabricated of 1.66 outside diameter, 13 gauge galvanized steel tubing, 1.315 in. outside diameter, 14 gauge galvanized steel tubing, and 14 gauge galvanized steel. (See Tubing) Finished with a baked on polyester powder coating (See Superdurable Polyester Powder Coat Finish) All tube to tube weld connections shall be coped before welding to provide a clean look and the strongest joint possible. Flattened or partially flattened tubing weld connections are not acceptable.

5 in. T Post

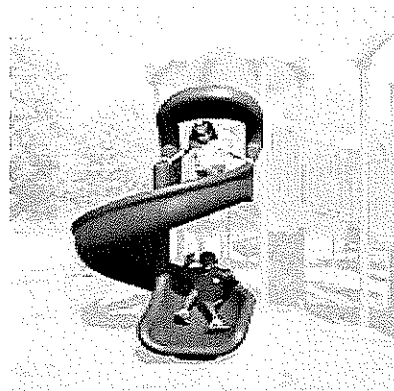
Shall be an all welded assembly fabricated of 5 in. outside diameter, 11 gauge galvanized steel tubing and .25 in. hot rolled, pickled and oiled flat steel. (See Tubing) Finished with a baked on polyester powder coating. (See Superdurable Polyester Powder Coat Finish)

Spiral Slide Exit Support Leg

Shall be an all welded assembly fabricated of 3.5 in. outside diameter, 13 gauge galvanized steel tubing, and 11 gauge zinc plated steel. (See Tubing) Finished with a baked on polyester powder coating. (See Superdurable Polyester Powder Coat Finish)

Spiral Slide & Canopy - plastic

ZZPM2736



* See Note

Component Number:	ZZPM2736
Specification Rev:	ECN1756
Component Weight:	897.09 Lbs.
Number of Users:	3
Amount of Concrete:	0.16 Yds.
Pre-Consumer Recycle:	5.13 Lbs.
Post-Consumer Recycle:	52.06 Lbs.
CO2e Footprint:	1,974.67 Kgs.

Shall be rotationally molded from Exxon CP-812 polyethylene. (See Rotationally Molded Plastic Parts) Dry-blended or molded-in color resins are not acceptable. Cross-sectional design shall be .25 in. (6 mm) nominal thickness, double wall construction with molded-in longitudinal ribs and textured outside surfaces. Spiral slide shall have a minimum side rail height of 15.5" (394 mm). Shall have a canopy designed to channel the user into a sitting position for slide entry. Entrance platform design that allows full view of users at the slide exit region.

Coated Deck / Platform - 12 ga

Shall be an all welded assembly fabricated of 12 gauge hot rolled, pickled and oiled flat steel. Deck surface and sides shall be die formed from a single sheet of 12 gauge hot rolled, pickled and oiled flat steel. Deck surface shall have .34 in. (9mm) diameter perforated holes. Entire weldment shall have a protective coating. (See Coated Finish)

Steel Tubing - 1.029 in. OD, 14 ga.

Tensile strength shall be 55,000 psi. Yield strength shall be 50,000 psi.

Steel Tubing - 1.315 in. OD, 14 ga.

Tensile strength shall be 75,000 psi. Yield strength shall be 60,000 psi.

Steel Tubing - 3.5 in. OD, 13 ga.

Tensile strength shall be 55,000 psi. Yield strength shall be 50,000 psi.

Steel Tubing - 5 in. OD, 11 ga.

Tensile strength shall be 55,000 psi. Yield strength shall be 50,000 psi.

Steel Tubing - 1.66 in. OD, 13 ga.

Tensile strength shall be 75,000 psi. Yield strength shall be 60,000 psi.

* The photos shown are for product representation only. The actual products may vary in size and color depending upon application.



Product Specifications

©Playworld Systems, Inc. Tuesday, May 05, 2009

GLIDE SLIDE (48in DECK)

5 in. Die Cast Clamp

Shall be die cast of high strength 380 aluminum alloy. Clamps shall be provided as hinged assemblies to facilitate structure assembly and an S-lap design to eliminate string entanglement. (See Die Cast Clamps) Finished with a shot blast and a powder coating. (See Superdurable Polyester Powder Coat Finish) Because a hinged clamp design provides the easiest and most flexible installation, clamps which incorporate a slip-through design or clamping devices that use a "bolt through" design are not acceptable. The use of two (2) piece steel half clamps are not acceptable due to poor weatherability and inherent rust problem.

Barrier - PM w/inserts & tabs

Shall be an all welded assembly fabricated of 1.315 in. Outside diameter, 14 gauge galvanized steel tubing and 7 gauge hot rolled, pickled and oiled flat steel. (See Tubing) Shall have factory installed crimped threaded inserts. Finished with a baked on polyester powder coating. (See Superdurable Polyester Powder Coat Finish)

Exit Support Post - 3.5 in.

Shall be an all welded assembly fabricated of 3.5 in. outside diameter, 13 gauge galvanized steel tubing and 11 gauge zinc plated hot rolled flat steel. (See Tubing) Finished with a baked on polyester powder coating. (See SuperDurable Polyester Powder Coat Finish) ASTM Specifications: A-36,

Glide Slide

Shall be rotationally molded from Exxon CP-812 polyethylene. (See Rotationally Molded Plastic Parts) Dry-blended or molded-in color resins are not acceptable.

Glide Slide Canopy

Shall be rotationally molded from Exxon CP-812 polyethylene. (See Rotationally Molded Plastic Parts) Dry-blended or molded-in color resins are not acceptable. Shall have molded in threaded inserts, and 1.315 in. outside diameter, 14 gauge galvanized steel tubing color matched to the plastic. Tubing shall be finished with a baked on polyester powder coating. (See Superdurable Polyester Powder Coat Finish)

Steel Tubing - 1.315 in. OD, 14 ga.

Tensile strength shall be 75,000 psi. Yield strength shall be 60,000 psi.

Steel Tubing - 3.5 in. OD, 13 ga.

Tensile strength shall be 55,000 psi. Yield strength shall be 50,000 psi.

ZZPM3126



* See Note

Component Number:	ZZPM3126
Specification Rev:	ECN1508
Component Weight:	131.54 Lbs.
Number of Users:	2
Amount of Concrete:	0.03 Yds.
Pre-Consumer Recycle:	1.03 Lbs.
Post-Consumer Recycle:	9.56 Lbs.
CO2e Footprint:	587.14 Kgs.

* The photos shown are for product representation only. The actual products may vary in size and color depending upon application.



Product Specifications

©Playworld Systems, Inc. Tuesday, May 05, 2009

SLITHER SLIDE ENTRY/EXIT

5 in. Die Cast Clamp

Shall be die cast of high strength 380 aluminum alloy. Clamps shall be provided as hinged assemblies to facilitate structure assembly and an S-lap design to eliminate string entanglement. (See Die Cast Clamps) Finished with a shot blast and a powder coating. (See Superdurable Polyester Powder Coat Finish) Because a hinged clamp design provides the easiest and most flexible installation, clamps which incorporate a slip-through design or clamping devices that use a "bolt through" design are not acceptable. The use of two (2) piece steel half clamps are not acceptable due to poor weatherability and inherent rust problem.

Barrier - PM w/inserts & tabs

Shall be an all welded assembly fabricated of 1.315 in. Outside diameter, 14 gauge galvanized steel tubing and 7 gauge hot rolled, pickled and oiled flat steel. (See Tubing) Shall have factory installed crimped threaded inserts. Finished with a baked on polyester powder coating. (See Superdurable Polyester Powder Coat Finish)

Exit Support Post - 3.5 in.

Shall be an all welded assembly fabricated of 3.5 in. outside diameter, 13 gauge galvanized steel tubing and 11 gauge zinc plated hot rolled flat steel. (See Tubing) Finished with a baked on polyester powder coating. (See SuperDurable Polyester Powder Coat Finish) ASTM Specifications: A-36,

Rotomolded Slide

Shall be rotationally molded from linear low density polyethylene. (See Rotationally Molded Plastic Parts) Dry-blended or molded-in color resins are not acceptable.

Glide Slide Canopy

Shall be rotationally molded from Exxon CP-812 polyethylene. (See Rotationally Molded Plastic Parts) Dry-blended or molded-in color resins are not acceptable. Shall have molded in threaded inserts, and 1.315 in. outside diameter, 14 gauge galvanized steel tubing color matched to the plastic. Tubing shall be finished with a baked on polyester powder coating. (See Superdurable Polyester Powder Coat Finish)

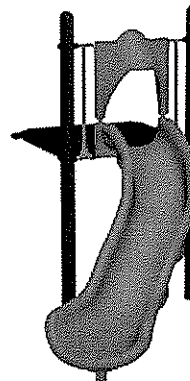
Steel Tubing - 1.315 in. OD, 14 ga.

Tensile strength shall be 75,000 psi. Yield strength shall be 60,000 psi.

Steel Tubing - 3.5 in. OD, 13 ga.

Tensile strength shall be 55,000 psi. Yield strength shall be 50,000 psi.

ZZPM3136



* See Note

Component Number:	ZZPM3136
Specification Rev:	ECN1508
Component Weight:	101.22 Lbs.
Number of Users:	2
Amount of Concrete:	0.03 Yds.
Pre-Consumer Recycle:	1.03 Lbs.
Post-Consumer Recycle:	9.56 Lbs.
CO2e Footprint:	524.54 Kgs.

* The photos shown are for product representation only. The actual products may vary in size and color depending upon application.



Product Specifications

©Playworld Systems, Inc. Tuesday, May 05, 2009

SLIDING POLE (48in DECK)

5 in. Die Cast Clamp

Shall be die cast of high strength 380 aluminum alloy. Clamps shall be provided as hinged assemblies to facilitate structure assembly and an S-lap design to eliminate string entanglement. (See Die Cast Clamps) Finished with a shot blast and a powder coating. (See Superdurable Polyester Powder Coat Finish) Because a hinged clamp design provides the easiest and most flexible installation, clamps which incorporate a slip-through design or clamping devices that use a "bolt through" design are not acceptable. The use of two (2) piece steel half clamps are not acceptable due to poor weatherability and inherent rust problem.

Climber Connector

Shall be cast of high strength Almag 35 (535.0-F) aluminum alloy. (See Cast Almag Clamps) Finished with a 420 micro finish and a baked on polyester powder coating. (See Superdurable Polyester Powder Coat Finish)

Arch Entry Barrier / Pipe Wall Barrier

Shall be an all-welded assembly fabricated of 1.315 in. outside diameter, 14 gauge galvanized steel tubing; 1.029 in. outside diameter, 14 gauge galvanized steel tubing and .188 in. hot rolled, pickled and oiled flat steel. Shall be finished with a baked-on polyester powder coat. (See Superdurable Polyester Powder Coat Finish)

Sliding Pole Surface Mount

Shall be fabricated of 1.9 in. outside diameter, 13 gauge galvanized steel tubing and .25 in. hot rolled flat steel. (See Tubing) ASTM: A-135, E-8 and A-500. Finished with a baked on polyester powder coating or PrismCoat. (See PrismCoat / Polyester Powder Coat Finish)

Steel Tubing - 1.029 in. OD, 14 ga.

Tensile strength shall be 55,000 psi. Yield strength shall be 50,000 psi.

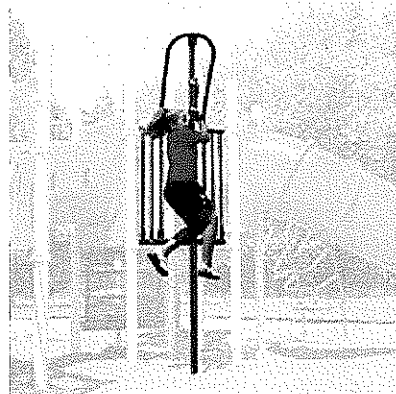
Steel Tubing - 1.315 in. OD, 14 ga.

Tensile strength shall be 75,000 psi. Yield strength shall be 60,000 psi.

Steel Tubing - 1.9 in. OD, 13 ga.

Tensile strength shall be 75,000 psi. Yield strength shall be 60,000 psi.

ZZPM8070



* See Note

Component Number:	ZZPM8070
Specification Rev:	ECN1359
Component Weight:	68.17 Lbs.
Number of Users:	1
Amount of Concrete:	0.03 Yds.
Pre-Consumer Recycle:	1.48 Lbs.
Post-Consumer Recycle:	21.73 Lbs.
CO2e Footprint:	217.99 Kgs.

* The photos shown are for product representation only. The actual products may vary in size and color depending upon application.



Product Specifications

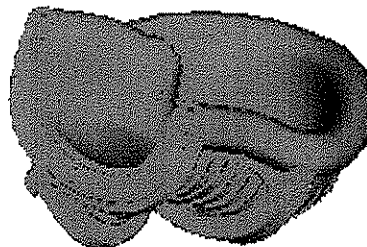
©Playworld Systems, Inc. Tuesday, May 05, 2009

SLITHER SLIDE (LEFT 120 DEGREE SECTION)

Rotomolded Slide

Shall be rotationally molded from linear low density polyethylene.
(See Rotationally Molded Plastic Parts) Dry-blended or molded-in color resins are not acceptable.

ZZUN3147



* See Note

Component Number:	ZZUN3147
Specification Rev:	PA1052
Component Weight:	40.72 Lbs.
Pre-Consumer Recycle:	0.00 Lbs.
Post-Consumer Recycle:	0.00 Lbs.
CO2e Footprint:	261.47 Kgs.

* The photos shown are for product representation only. The actual products may vary in size and color depending upon application.



Product Specifications

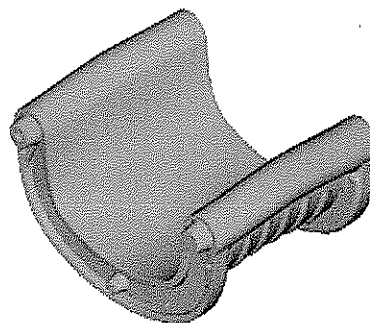
©Playworld Systems, Inc. Tuesday, May 05, 2009

SLITHER SLIDE (STRAIGHT - SECTION)

Rotomolded Slide

Shall be rotationally molded from linear low density polyethylene.
(See Rotationally Molded Plastic Parts) Dry-blended or molded-in
color resins are not acceptable.

ZZUN3156



* See Note

Component Number:	ZZUN3156
Specification Rev:	PA1019
Component Weight:	21.14 Lbs.
Pre-Consumer Recycle:	0.00 Lbs.
Post-Consumer Recycle:	0.00 Lbs.
CO2e Footprint:	158.61 Kgs.

* The photos shown are for product representation only. The actual products may vary in size and color depending upon application.



Product Specifications

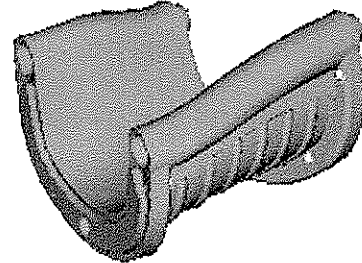
©Playworld Systems, Inc. Tuesday, May 05, 2009

SLITHER SLIDE (RIGHT SECTION)

Rotomolded Slide

Shall be rotationally molded from linear low density polyethylene.
(See Rotationally Molded Plastic Parts) Dry-blended or molded-in color resins are not acceptable.

ZZUN3157



* See Note

Component Number:	ZZUN3157
Specification Rev:	PA1019
Component Weight:	21.14 Lbs.
Pre-Consumer Recycle:	0.00 Lbs.
Post-Consumer Recycle:	0.00 Lbs.
CO2e Footprint:	158.61 Kgs.

* The photos shown are for product representation only. The actual products may vary in size and color depending upon application.



Product Specifications

©Playworld Systems, Inc. Tuesday, May 05, 2009

SLITHER SLIDE SUPPORT LEG 5ft-6in

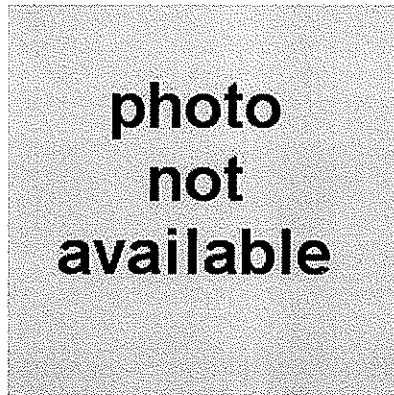
Casting / Almag 35

Shall be cast of high strength Almag 35 (535.0-F) aluminum alloy. Ultimate tensile strength shall be 40 ksi. Yield strength shall be 21 ksi. Finished with a 420 micro finish and a baked on polyester powder coating or PrismCoat. (See PrismCoat / Polyester Powder Coat Finish)

Slide Support Post (w/o plate)

Shall be fabricated from 2.375 in. Outside diameter, 12 gauge galvanized steel tubing.(See Tubing) Finished with a baked on polyester powder coating. (See Superdurable Polyester Powder Coat Finish)

ZZUN3167



* See Note

Component Number:	ZZUN3167
Specification Rev:	PA1019
Component Weight:	22.84 Lbs.
Amount of Concrete:	0.03 Yds.
Pre-Consumer Recycle:	2.15 Lbs.
Post-Consumer Recycle:	7.82 Lbs.
CO2e Footprint:	97.56 Kgs.

* The photos shown are for product representation only. The actual products may vary in size and color depending upon application.



Product Specifications

©Playworld Systems, Inc. Tuesday, May 05, 2009

SLITHER SLIDE SUPPORT LEG 4ft-6in

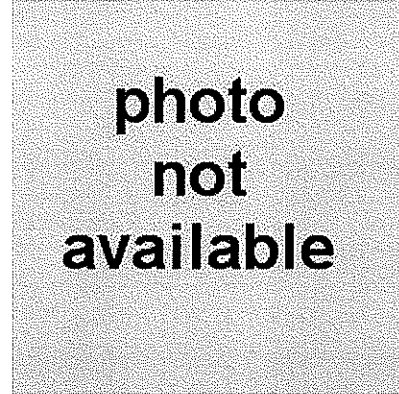
Casting / Almag 35

Shall be cast of high strength Almag 35 (535.0-F) aluminum alloy. Ultimate tensile strength shall be 40 ksi. Yield strength shall be 21 ksi. Finished with a 420 micro finish and a baked on polyester powder coating or PrismCoat. (See PrismCoat / Polyester Powder Coat Finish)

Slide Support Post (w/o plate)

Shall be fabricated from 2.375 in. Outside diameter, 12 gauge galvanized steel tubing.(See Tubing) Finished with a baked on polyester powder coating. (See Superdurable Polyester Powder Coat Finish)

ZZUN3168



* See Note

Component Number:	ZZUN3168
Specification Rev:	PA1019
Component Weight:	20.64 Lbs.
Amount of Concrete:	0.03 Yds.
Pre-Consumer Recycle:	2.15 Lbs.
Post-Consumer Recycle:	7.16 Lbs.
CO2e Footprint:	91.55 Kgs.

* The photos shown are for product representation only. The actual products may vary in size and color depending upon application.



Product Specifications

©Playworld Systems, Inc. Tuesday, May 05, 2009

SLITHER SLIDE SUPPORT LEG 2ft-6in

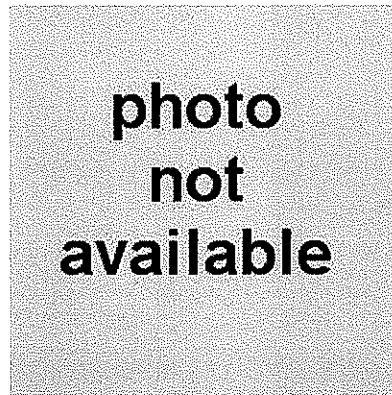
Slide Support Post (w/o plate)

Shall be fabricated from 2.375 in. Outside diameter, 12 gauge galvanized steel tubing.(See Tubing) Finished with a baked on polyester powder coating. (See Superdurable Polyester Powder Coat Finish)

Casting / Almag 35

Shall be cast of high strength Almag 35 (535.0-F) aluminum alloy. Ultimate tensile strength shall be 40 ksi. Yield strength shall be 21 ksi. Finished with a 420 micro finish and a baked on polyester powder coating or PrismCoat. (See PrismCoat / Polyester Powder Coat Finish)

ZZUN3176



* See Note

Component Number:	ZZUN3176
Specification Rev:	PA1019
Component Weight:	16.24 Lbs.
Amount of Concrete:	0.03 Yds.
Pre-Consumer Recycle:	2.15 Lbs.
Post-Consumer Recycle:	5.84 Lbs.
CO2e Footprint:	80.08 Kgs.

* The photos shown are for product representation only. The actual products may vary in size and color depending upon application.



Product Specifications

©Playworld Systems, Inc. Tuesday, May 05, 2009

ACCESSIBLE DRIVING PANEL

5 in. Die Cast Clamp

Shall be die cast of high strength 380 aluminum alloy. Clamps shall be provided as hinged assemblies to facilitate structure assembly and an S-lap design to eliminate string entanglement. (See Die Cast Clamps) Finished with a shot blast and a powder coating. (See Superdurable Polyester Powder Coat Finish) Because a hinged clamp design provides the easiest and most flexible installation, clamps which incorporate a slip-through design or clamping devices that use a "bolt through" design are not acceptable. The use of two (2) piece steel half clamps are not acceptable due to poor weatherability and inherent rust problem.

Panel Connector

Shall be cast of high strength Almag 35 (535.0-F) aluminum alloy. (See Cast Almag Clamps) Finished with a 420 micro finish and a baked on polyester powder coating. (See Superdurable Polyester Powder Coat Finish)

Ball Bearing - .25 in. Dia.

Shall be .25 in. diameter and be manufactured from AISI 400-C stainless steel and hardened to RC 58-65.

Spacer / Connector - Delrin

Shall be machined from black Delrin.

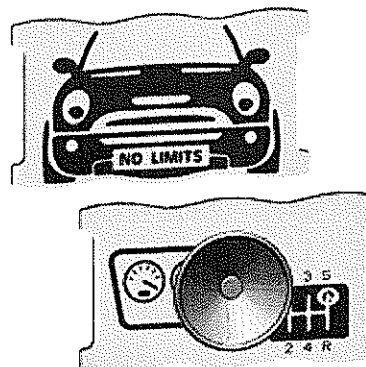
Steering Wheel w/ bearings

Cast of regular 319 (319.0-F) aluminum. Ultimate tensile strength shall be 27 ksi. Yield strength shall be 18 ksi. ASTM Specifications: B-26. Federal Specifications: QQ-A-601. Finished with a 420 micro finish and a baked on polyester powder coating or PrismCoat. (See PrismCoat / Polyester Powder Coat Finish) Shall have factory installed oil light bearings pressed into the casting.

Plastic Panel - .75 in.

Shall be fabricated from colored marine grade, .75 in. high density polyethylene and machined. Shall be ultraviolet (UV) stabilized. Meets FDA requirements. ASTM Specifications: D-1238 (Melt Index), D-1505 (Material Density), D-638 (Tensile Strength), D-648 (Heat Distortion Temperature) D-790 (Flexural Modulus), D-1693 and D-2561 (Environmental Stress Crack Resistance), D-2240 (Hardness), D-1822 (Tensile Impact) D-746 (Brittleness), D-1525 (Softening Point).

ZZPM4406



* See Note

Component Number:	ZZPM4406
Specification Rev:	PA0965
Component Weight:	31.59 Lbs.
Number of Users:	1
Pre-Consumer Recycle:	9.65 Lbs.
Post-Consumer Recycle:	7.10 Lbs.
CO2e Footprint:	223.16 Kgs.

* The photos shown are for product representation only. The actual products may vary in size and color depending upon application.



Product Specifications

©Playworld Systems, Inc. Tuesday, May 05, 2009

PLAYSEAT

5 in. Die Cast Clamp

Shall be die cast of high strength 380 aluminum alloy. Clamps shall be provided as hinged assemblies to facilitate structure assembly and an S-lap design to eliminate string entanglement. (See Die Cast Clamps) Finished with a shot blast and a powder coating. (See Superdurable Polyester Powder Coat Finish) Because a hinged clamp design provides the easiest and most flexible installation, clamps which incorporate a slip-through design or clamping devices that use a "bolt through" design are not acceptable. The use of two (2) piece steel half clamps are not acceptable due to poor weatherability and inherent rust problem.

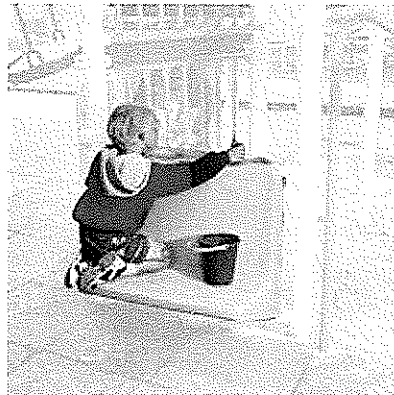
Panel Tab

Shall be cast of regular 319 (319.0-F) aluminum having an ultimate tensile strength of 27 ksi and a yield strength shall be 18 ksi. Finished with a 420 micro finish and a baked on polyester powder coating or PrismCoat. (See PrismCoat / Polyester Powder Coat Finish) ASTM Specifications: B-26. Federal Specifications: QQ-A-601.

Rotomolded Seat

Shall be rotationally molded from linear low density polyethylene. (See Rotationally Molded Plastic Parts) Dry-blended or molded-in color resins are not acceptable.

ZZPM4570



* See Note

Component Number:	ZZPM4570
Specification Rev:	ECN623
Component Weight:	51.03 Lbs.
Number of Users:	3
Pre-Consumer Recycle:	2.45 Lbs.
Post-Consumer Recycle:	4.95 Lbs.
CO2e Footprint:	302.51 Kgs.

* The photos shown are for product representation only. The actual products may vary in size and color depending upon application.



Product Specifications

©Playworld Systems, Inc. Tuesday, May 05, 2009

OVAL INSERT PANEL

5 in. Die Cast Clamp

Shall be die cast of high strength 380 aluminum alloy. Clamps shall be provided as hinged assemblies to facilitate structure assembly and an S-lap design to eliminate string entanglement. (See Die Cast Clamps) Finished with a shot blast and a powder coating. (See Superdurable Polyester Powder Coat Finish) Because a hinged clamp design provides the easiest and most flexible installation, clamps which incorporate a slip-through design or clamping devices that use a "bolt through" design are not acceptable. The use of two (2) piece steel half clamps are not acceptable due to poor weatherability and inherent rust problem.

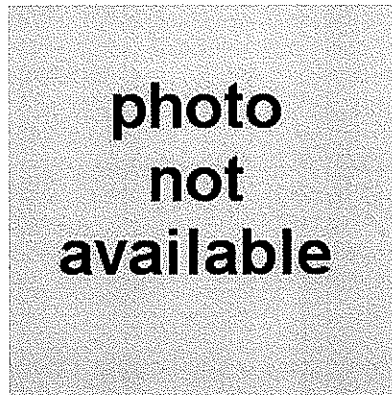
Panel Connector

Shall be cast of high strength Almag 35 (535.0-F) aluminum alloy. (See Cast Almag Clamps) Finished with a 420 micro finish and a baked on polyester powder coating. (See Superdurable Polyester Powder Coat Finish)

Rotomolded Oval Plastic Panel

Shall be rotationally molded from linear low density polyethylene. (See Rotationally Molded Plastic Parts) Dry-blended or molded-in color resins are not acceptable.

ZZPM4808



* See Note

Component Number:	ZZPM4808
Specification Rev:	PA1064
Component Weight:	34.04 Lbs.
Number of Users:	1
Pre-Consumer Recycle:	2.34 Lbs.
Post-Consumer Recycle:	4.86 Lbs.
CO2e Footprint:	278.60 Kgs.

* The photos shown are for product representation only. The actual products may vary in size and color depending upon application.



Product Specifications

©Playworld Systems, Inc. Tuesday, May 05, 2009

STEERING WHEEL (PIPE WALL MOUNT)

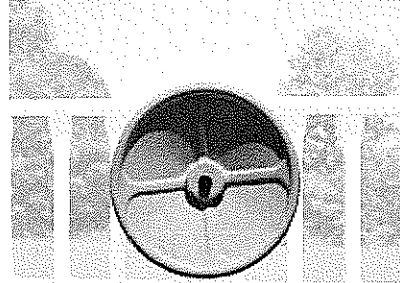
Steering Wheel Clamp

Shall be cast of high strength Almag 35 (535.0-F) aluminum alloy. (See Cast Almag Clamps) Finished with a 420 micro finish and a baked on polyester powder coating or PrismCoat. (See PrismCoat / Polyester Powder Coat Finish)

Steering Wheel w/ bearings

Cast of regular 319 (319.0-F) aluminum. Ultimate tensile strength shall be 27 ksi. Yield strength shall be 18 ksi. ASTM Specifications: B-26. Federal Specifications: QQ-A-601. Finished with a 420 micro finish and a baked on polyester powder coating or PrismCoat. (See PrismCoat / Polyester Powder Coat Finish) Shall have factory installed oil light bearings pressed into the casting.

ZZUN4300



* See Note

Component Number:	ZZUN4300
Specification Rev:	ECN1157
Component Weight:	5.39 Lbs.
Number of Users:	1
Pre-Consumer Recycle:	2.08 Lbs.
Post-Consumer Recycle:	2.60 Lbs.
CO2e Footprint:	41.90 Kgs.

* The photos shown are for product representation only. The actual products may vary in size and color depending upon application.



Product Specifications

©Playworld Systems, Inc. Tuesday, May 05, 2009

MAKE-A-FACE INSERT

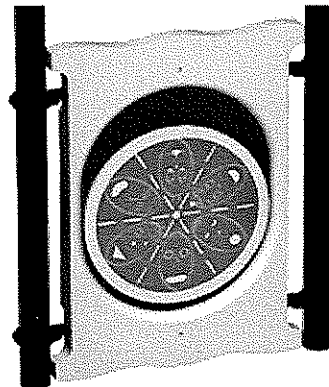
Bearing - Oilite

Shall be teflon coated with a self contained lubrication feature. Yield Strength 22,000 psi, Tensile Strength 22,000 psi.

Plastic Panel - .75 in.

Shall be fabricated from colored marine grade, .75 in. high density polyethylene and machined. Shall be ultraviolet (UV) stabilized. Meets FDA requirements. ASTM Specifications: D-1238 (Melt Index), D-1505 (Material Density), D-638 (Tensile Strength), D-648 (Heat Distortion Temperature) D-790 (Flexural Modulus), D-1693 and D-2561 (Environmental Stress Crack Resistance), D-2240 (Hardness), D-1822 (Tensile Impact) D-746 (Brittleness), D-1525 (Softening Point).

ZZUN4801



* See Note

Component Number:	ZZUN4801
Specification Rev:	ECN1340
Component Weight:	24.40 Lbs.
Number of Users:	1
Pre-Consumer Recycle:	7.02 Lbs.
Post-Consumer Recycle:	0.00 Lbs.
CO2e Footprint:	267.90 Kgs.

* The photos shown are for product representation only. The actual products may vary in size and color depending upon application.



Product Specifications

©Playworld Systems, Inc. Tuesday, May 05, 2009

CENTERLINE PIPE WALL BARRIER

5 in. Die Cast Clamp

Shall be die cast of high strength 380 aluminum alloy. Clamps shall be provided as hinged assemblies to facilitate structure assembly and an S-lap design to eliminate string entanglement. (See Die Cast Clamps) Finished with a shot blast and a powder coating. (See Superdurable Polyester Powder Coat Finish) Because a hinged clamp design provides the easiest and most flexible installation, clamps which incorporate a slip-through design or clamping devices that use a "bolt through" design are not acceptable. The use of two (2) piece steel half clamps are not acceptable due to poor weatherability and inherent rust problem.

Steel Tubing - 1.315 in. OD, 14 ga.

Tensile strength shall be 75,000 psi. Yield strength shall be 60,000 psi.

Steel Tubing - 1.029 in. OD, 14 ga.

Tensile strength shall be 55,000 psi. Yield strength shall be 50,000 psi.

Pipe Wall Barrier - coped

Shall be fabricated of 1.029 in. outside diameter, 14 gauge galvanized steel tubing; 1.315 in. outside diameter, 14 gauge galvanized steel tubing; and .188 in. galvanized hot rolled flat steel (See Tubing). ASTM Specifications: A-135, E-8 and A-500. Finished with a baked on polyester powder coating or PrismCoat. (See PrismCoat / Polyester Powder Coat Finish) All tube to tube weld connections shall be coped before welding to provide a clean look and the strongest joint possible. Flattened or partially flattened tubing weld connections are not acceptable.

ZZPM4090



* See Note

Component Number:	ZZPM4090
Specification Rev:	ECN477
Component Weight:	37.22 Lbs.
Pre-Consumer Recycle:	1.03 Lbs.
Post-Consumer Recycle:	12.26 Lbs.
CO2e Footprint:	116.50 Kgs.

* The photos shown are for product representation only. The actual products may vary in size and color depending upon application.



Product Specifications

©Playworld Systems, Inc. Tuesday, May 05, 2009

INCLINED CLIFF HANGER (72in DECK)

5 in. Cast Clamp Band

Shall be cast of high strength Almag 35 (535.0-F) aluminum alloy. Finished with a 420 micro finish and a baked on polyester powder coating. (See Superdurable Polyester Powder Coat Finish)

Handhold - Climbing Wall

Hand grips shall be manufactured of polyurethane and are uniquely textured for slip resistance. Hand grips must be also formulated to withstand extreme impacts and be highly resistant to ultraviolet light and chemicals. Hand grip material must be manufactured from materials having a proven record in the climbing industry. Each hand grip shall be recessed into the climbing structure with a shape unique to the individual hand grip. Hand grips not recessed can rotate or turn and are not acceptable. Hand grips shall have a Lifetime Warranty. Anything other than a Lifetime Warranty is not acceptable.

Barrier Gate w/o plate

Shall be fabricated of 1.315 in. outside diameter, 14 gauge galvanized steel tubing; 1.029 in. outside diameter, 14 gauge galvanized steel tubing; and .25 in. hot rolled, pickled and oiled flat steel. (See Tubing) All tube to tube weld connections shall be coped before welding to provide a clean look and the strongest joint possible. Flattened or partially flattened tube weld connections are not acceptable. Finished with a baked on polyester powder coating. (See Superdurable Polyester Powder Coat Finish)

Frame - Climbing Wall

Shall be an all welded assembly fabricated of 2.375 in. outside diameter, 12 gauge galvanized steel tubing and 7 gauge zinc plated hot rolled, pickled and oiled flat steel. (See Tubing) Finished with a baked on polyester powder coating. (See Superdurable Powder Coat Finish)

Plastic Panel - .75 in.

Shall be fabricated from colored marine grade, .75 in. high density polyethylene and machined. Shall be ultraviolet (UV) stabilized. Meets FDA requirements. ASTM Specifications: D-1238 (Melt Index), D-1505 (Material Density), D-638 (Tensile Strength), D-648 (Heat Distortion Temperature) D-790 (Flexural Modulus), D-1693 and D-2561 (Environmental Stress Crack Resistance), D-2240 (Hardness), D-1822 (Tensile Impact) D-746 (Brittleness), D-1525 (Softening Point).

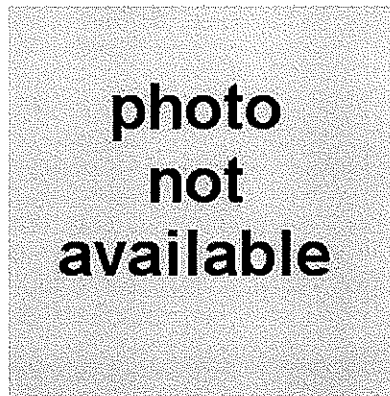
Steel Tubing - 1.029 in. OD, 14 ga.

Tensile strength shall be 55,000 psi. Yield strength shall be 50,000 psi.

Steel Tubing - 1.315 in. OD, 14 ga.

Tensile strength shall be 75,000 psi. Yield strength shall be 60,000 psi.

ZZPM6989



* See Note

Component Number:	ZZPM6989
Specification Rev:	PA1114
Component Weight:	169.34 Lbs.
Number of Users:	2
Amount of Concrete:	0.06 Yds.
Pre-Consumer Recycle:	24.66 Lbs.
Post-Consumer Recycle:	25.63 Lbs.
CO2e Footprint:	800.46 Kgs.

Steel Tubing - 2.375 in. OD, 12 ga.

Tensile strength shall be 75,000 psi. Yield strength shall be 60,000 psi.

* The photos shown are for product representation only. The actual products may vary in size and color depending upon application.



Product Specifications

©Playworld Systems, Inc. Tuesday, May 05, 2009

8ft TWISTED CLIMBER

3.5 in. Die Cast Alloy Clamp

Shall be die cast of high strength 380 aluminum alloy. Clamps shall be provided as hinged assemblies to facilitate structure assembly and an S-lap design to eliminate string entanglement. (See Die Cast Clamps) Finished with a shot blast and a powder coating. (See Superdurable Polyester Powder Coat Finish) Because a hinged clamp design provides the easiest and most flexible installation, clamps which incorporate a slip-through design or clamping devices that use a "bolt through" design are not acceptable. The use of two (2) piece steel half clamps are not acceptable due to poor weatherability and inherent rust problem.

Climber Connector

Shall be cast of high strength Almag 35 (535.0-F) aluminum alloy. (See Cast Almag Clamps) Finished with a 420 micro finish and a baked on polyester powder coating. (See Superdurable Polyester Powder Coat Finish)

Climber - Twisted

Shall be an all welded assembly of 1.9 in. outside diameter, 13 gauge steel tubing with crimped insert, 2.375 in. outside diameter, 12 gauge steel tubing, 1.029 in. outside diameter, 14 gauge steel tubing, 1.315 in. outside diameter, 14 gauge galvanized steel tubing, 7 gauge hot rolled pickled and oiled flat steel plate. (See Tubing) Entire assembly shall be finished with a baked on polyester powder coating or PrismCoat. (See PrismCoat / Polyester Powder Coat Finish)

Arch Entry Barrier / Pipe Wall Barrier

Shall be an all-welded assembly fabricated of 1.315 in. outside diameter, 14 gauge galvanized steel tubing; 1.029 in. outside diameter, 14 gauge galvanized steel tubing and .188 in. hot rolled, pickled and oiled flat steel. Shall be finished with a baked-on polyester powder coat. (See Superdurable Polyester Powder Coat Finish)

Spacer - 13 ga.*

Shall be fabricated of 1.9 in. outside diameter, 13 gauge galvanized steel tubing (See Tubing). ASTM Specifications: A-135, E-8 and A-500. Finished with a baked on polyester powder coating. (See Superdurable Polyester Powder Coat Finish)

Steel Tubing - 2.375 in. OD, 12 ga.

Tensile strength shall be 75,000 psi. Yield strength shall be 60,000 psi.

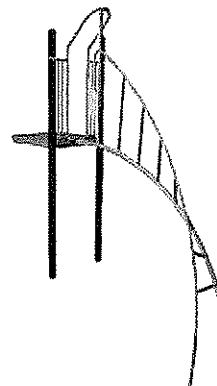
Steel Tubing - 1.9 in. OD, 13 ga.

Tensile strength shall be 75,000 psi. Yield strength shall be 60,000 psi.

Steel Tubing - 1.315 in. OD, 14 ga.

Tensile strength shall be 75,000 psi. Yield strength shall be 60,000

ZZPM7167



* See Note

Component Number:	ZZPM7167
Specification Rev:	PA1174
Component Weight:	142.07 Lbs.
Number of Users:	2
Amount of Concrete:	0.60 Yds.
Pre-Consumer Recycle:	1.48 Lbs.
Post-Consumer Recycle:	43.83 Lbs.
CO2e Footprint:	352.61 Kgs.

psi.

Steel Tubing - 1.029 in. OD, 14 ga.

Tensile strength shall be 55,000 psi. Yield strength shall be 50,000 psi.

* The photos shown are for product representation only. The actual products may vary in size and color depending upon application.



Product Specifications

©Playworld Systems, Inc. Tuesday, May 05, 2009

SOLAR CLIMBER (48in DECK)

5 in. Die Cast Clamp

Shall be die cast of high strength 380 aluminum alloy. Clamps shall be provided as hinged assemblies to facilitate structure assembly and an S-lap design to eliminate string entanglement. (See Die Cast Clamps) Finished with a shot blast and a powder coating. (See Superdurable Polyester Powder Coat Finish) Because a hinged clamp design provides the easiest and most flexible installation, clamps which incorporate a slip-through design or clamping devices that use a "bolt through" design are not acceptable. The use of two (2) piece steel half clamps are not acceptable due to poor weatherability and inherent rust problem.

Climber Connector

Shall be cast of high strength Almag 35 (535.0-F) aluminum alloy. (See Cast Almag Clamps) Finished with a 420 micro finish and a baked on polyester powder coating. (See Superdurable Polyester Powder Coat Finish)

Solar Climber (new w/ step brace)

Shall be an all welded assembly of 1.9 in. outside diameter, 13 gauge steel tubing with crimped insert, 2.375 in. outside diameter, 12 gauge steel tubing, 1.029 in. outside diameter, 14 gauge steel tubing, 12 gauge hot rolled pickled and oiled flat steel plate and 14 gauge hot rolled pickled and oiled flat steel plate. (See Tubing) Entire assembly shall be finished with a baked on polyester powder coating or PrismCoat. (See PrismCoat / Polyester Powder Coat Finish)

Arch Entry Barrier / Pipe Wall Barrier

Shall be an all-welded assembly fabricated of 1.315 in. outside diameter, 14 gauge galvanized steel tubing; 1.029 in. outside diameter, 14 gauge galvanized steel tubing and .188 in. hot rolled, pickled and oiled flat steel. Shall be finished with a baked-on polyester powder coat. (See Superdurable Polyester Powder Coat Finish)

Solar Climber Step Disc

Shall be fabricated from colored marine grade, .50 in. high density polyethylene and machined. Shall be ultraviolet (UV) stabilized. Meets FDA requirements. ASTM Specifications: D-1238 (Melt Index), D-1505 (Material Density), D-638 (Tensile Strength), D-648 (Heat Distortion Temperature) D-790 (Flexural Modulus), D-1693 and D-2561 (Environmental Stress Crack Resistance), D-2240 (Hardness), D-1822 (Tensile Impact) D-746 (Brittleness), D-1525 (Softening Point).

Steel Tubing - 1.029 in. OD, 14 ga.

Tensile strength shall be 55,000 psi. Yield strength shall be 50,000 psi.

Steel Tubing - 1.315 in. OD, 14 ga.

Tensile strength shall be 75,000 psi. Yield strength shall be 60,000

ZZPM7658



* See Note

Component Number:	ZZPM7658
Specification Rev:	ECN1346
Component Weight:	102.67 Lbs.
Number of Users:	2
Amount of Concrete:	0.03 Yds.
Pre-Consumer Recycle:	3.28 Lbs.
Post-Consumer Recycle:	34.06 Lbs.
CO2e Footprint:	367.14 Kgs.

psi.

Steel Tubing - 2.375 in. OD, 12 ga.

Tensile strength shall be 75,000 psi. Yield strength shall be 60,000 psi.

* The photos shown are for product representation only. The actual products may vary in size and color depending upon application.



Product Specifications

©Playworld Systems, Inc. Tuesday, May 05, 2009

SILO CLIMBER (48in DECK)

5 in. Die Cast Clamp

Shall be die cast of high strength 380 aluminum alloy. Clamps shall be provided as hinged assemblies to facilitate structure assembly and an S-lap design to eliminate string entanglement. (See Die Cast Clamps) Finished with a shot blast and a powder coating. (See Superdurable Polyester Powder Coat Finish) Because a hinged clamp design provides the easiest and most flexible installation, clamps which incorporate a slip-through design or clamping devices that use a "bolt through" design are not acceptable. The use of two (2) piece steel half clamps are not acceptable due to poor weatherability and inherent rust problem.

Connector - reg 319 aluminum

Cast of regular 319 (319.0-F) aluminum. Ultimate tensile strength shall be 27 ksi. Yield strength shall be 18 ksi. Finished with a 420 micro finish and a baked on polyester powder coating. (See Superdurable Polyester Powder Coat Finish) ASTM Specifications: B-26. Federal Specifications: QQ-A-601.

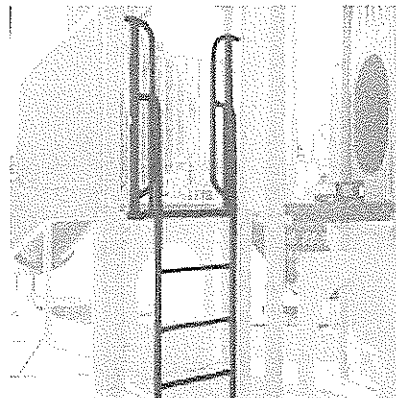
Silo Climber (Using connector)

Shall be fabricated of 1.315 in. outside diameter, 14 gauge galvanized steel tubing; 1.029 in. outside diameter, 14 gauge galvanized steel tubing; 11 gauge hot rolled flat steel. (See Tubing) Finished with a baked on polyester powder coating. (See SuperDurable Polyester Powder Coat Finish) ASTM Specifications: A-135, A-500 and E-8.

Barrier Gate (11 ga)

Shall be fabricated of 1.315 in. outside diameter, 14 gauge galvanized steel tubing; 1.029 in. Outside diameter, 14 gauge galvanized steel tubing; .25 in. Hot rolled, pickled and oiled flat steel and 11 gauge galvanized hot rolled steel. (See Tubing) All tube to tube weld connections shall be coped before welding to provide a clean look and the strongest joint possible. Flattened or partially flattened tube weld connections are not acceptable. Finished with a baked on polyester powder coating. (See Superdurable Polyester Powder Coat Finish)

ZZPM7950



* See Note

Component Number:	ZZPM7950
Specification Rev:	ECN1641
Component Weight:	77.70 Lbs.
Number of Users:	2
Amount of Concrete:	0.07 Yds.
Pre-Consumer Recycle:	1.47 Lbs.
Post-Consumer Recycle:	24.50 Lbs.
CO2e Footprint:	214.97 Kgs.

* The photos shown are for product representation only. The actual products may vary in size and color depending upon application.



Product Specifications

©Playworld Systems, Inc. Tuesday, May 05, 2009

BEANSTALK CLIMBER (72in DECK)

5 in. Die Cast Clamp

Shall be die cast of high strength 380 aluminum alloy. Clamps shall be provided as hinged assemblies to facilitate structure assembly and an S-lap design to eliminate string entanglement. (See Die Cast Clamps) Finished with a shot blast and a powder coating. (See Superdurable Polyester Powder Coat Finish) Because a hinged clamp design provides the easiest and most flexible installation, clamps which incorporate a slip-through design or clamping devices that use a "bolt through" design are not acceptable. The use of two (2) piece steel half clamps are not acceptable due to poor weatherability and inherent rust problem.

Handle / Step Climber Connector

Shall be cast of high strength Almag 35 (535.0-F) aluminum alloy. (See Cast Almag Clamps) Finished with a 420 micro finish and a baked on polyester powder coating or PrismCoat. (See PrismCoat / Polyester Powder Coat Finish)

Beanstalk Climber

Shall be fabricated of 1.90 in. Outside diameter, 13 gauge galvanized steel tubing and 1.315 in. Outside diameter, 14 gauge galvanized steel tubing. (See Tubing) Finished with a baked on powder coating. (See Superdurable Polyester Powder Coat Finish)

Arch Entry Barrier / Pipe Wall Barrier

Shall be an all-welded assembly fabricated of 1.315 in. outside diameter, 14 gauge galvanized steel tubing; 1.029 in. outside diameter, 14 gauge galvanized steel tubing and .188 in. hot rolled, pickled and oiled flat steel. Shall be finished with a baked-on polyester powder coat. (See Superdurable Polyester Powder Coat Finish)

Climber Connector

Shall be cast of high strength Almag 35 (535.0-F) aluminum alloy. (See Cast Almag Clamps) Finished with a 420 micro finish and a baked on polyester powder coating. (See Superdurable Polyester Powder Coat Finish)

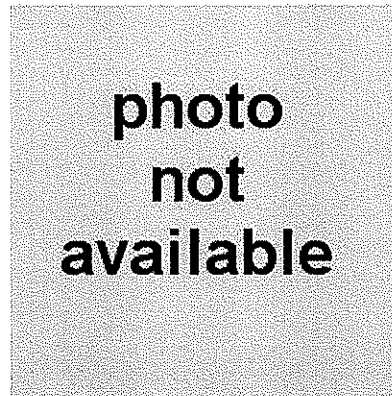
Steel Tubing - 1.029 in. OD, 14 ga.

Tensile strength shall be 55,000 psi. Yield strength shall be 50,000 psi.

Steel Tubing - 1.315 in. OD, 14 ga.

Tensile strength shall be 75,000 psi. Yield strength shall be 60,000 psi.

ZZPM8130



* See Note

Component Number:	ZZPM8130
Specification Rev:	ECN1358
Component Weight:	103.79 Lbs.
Number of Users:	2
Amount of Concrete:	0.03 Yds.
Pre-Consumer Recycle:	10.81 Lbs.
Post-Consumer Recycle:	36.42 Lbs.
CO2e Footprint:	480.92 Kgs.

* The photos shown are for product representation only. The actual products may vary in size and color depending upon application.



Product Specifications

©Playworld Systems, Inc. Tuesday, May 05, 2009

HOPSCOTCH CLIMBER (72in DECK)

5 in. Die Cast Clamp

Shall be die cast of high strength 380 aluminum alloy. Clamps shall be provided as hinged assemblies to facilitate structure assembly and an S-lap design to eliminate string entanglement. (See Die Cast Clamps) Finished with a shot blast and a powder coating. (See Superdurable Polyester Powder Coat Finish) Because a hinged clamp design provides the easiest and most flexible installation, clamps which incorporate a slip-through design or clamping devices that use a "bolt through" design are not acceptable. The use of two (2) piece steel half clamps are not acceptable due to poor weatherability and inherent rust problem.

Hopscotch Climber

Shall be fabricated of 1.66 in. outside diameter, 13 gauge galvanized tubing; and 1.315 in. outside diameter, 14 gauge galvanized tubing (See Tubing). Finished with a baked on polyester powder coating. (See SuperDurable Polyester Powder Coat Finish)

Barrier Gate - .188 Tab

Shall be fabricated of 1.315 in. outside diameter, 14 gauge galvanized steel tubing; 1.029 in. outside diameter, 14 gauge galvanized steel tubing; .188 in. hot rolled, pickled and oiled flat steel and 8 gauge galvanized hot rolled steel. (See Tubing) All tube to tube weld connections shall be coped before welding to provide a clean look and the strongest joint possible. Flattened or partially flattened tube weld connections are not acceptable. Finished with a baked on polyester powder coating or PrismCoat. (See PrismCoat / Polyester Powder Coat Finish)

Steel Tubing - 1.029 in. OD, 14 ga.

Tensile strength shall be 55,000 psi. Yield strength shall be 50,000 psi.

Steel Tubing - 1.315 in. OD, 14 ga.

Tensile strength shall be 75,000 psi. Yield strength shall be 60,000 psi.

Steel Tubing - 1.66 in. OD, 13 ga.

Tensile strength shall be 75,000 psi. Yield strength shall be 60,000 psi.

ZZPM8280



* See Note

Component Number:	ZZPM8280
Specification Rev:	ECN505
Component Weight:	101.06 Lbs.
Number of Users:	2
Amount of Concrete:	0.06 Yds.
Pre-Consumer Recycle:	1.03 Lbs.
Post-Consumer Recycle:	28.94 Lbs.
CO2e Footprint:	271.70 Kgs.

* The photos shown are for product representation only. The actual products may vary in size and color depending upon application.



Product Specifications

©Playworld Systems, Inc. Tuesday, May 05, 2009

LEG LIFT

Leg Lift Handle

Shall be an all welded assembly of 1.029 in. outside diameter, 14 gauge galvanized steel tubing; and .25 in. zinc plated, hot rolled flat steel. (See Tubing) Finished with a baked on polyester powder coating or PrismCoat. (See PrismCoat / Polyester Powder Coat Finish)

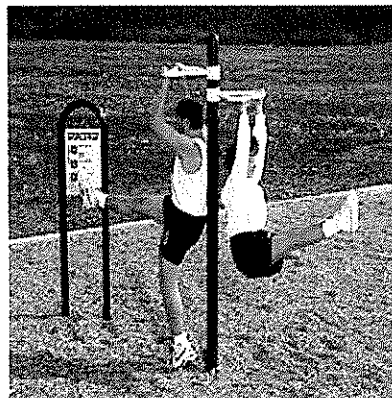
5 in. Cast Clamp Band

Shall be cast of high strength Almag 35 (535.0-F) aluminum alloy. Finished with a 420 micro finish and a baked on polyester powder coating. (See Superdurable Polyester Powder Coat Finish)

Steel Tubing - 1.029 in. OD, 14 ga.

Tensile strength shall be 55,000 psi. Yield strength shall be 50,000 psi.

ZZPM5770



* See Note

Component Number:	ZZPM5770
Specification Rev:	ECN886
Component Weight:	7.20 Lbs.
Number of Users:	1
Pre-Consumer Recycle:	0.68 Lbs.
Post-Consumer Recycle:	2.45 Lbs.
CO2e Footprint:	35.31 Kgs.

* The photos shown are for product representation only. The actual products may vary in size and color depending upon application.



Product Specifications

©Playworld Systems, Inc. Tuesday, May 05, 2009

10ft HORIZONTAL LOOP LADDER

5 in. Die Cast Clamp

Shall be die cast of high strength 380 aluminum alloy. Clamps shall be provided as hinged assemblies to facilitate structure assembly and an S-lap design to eliminate string entanglement. (See Die Cast Clamps) Finished with a shot blast and a powder coating. (See Superdurable Polyester Powder Coat Finish) Because a hinged clamp design provides the easiest and most flexible installation, clamps which incorporate a slip-through design or clamping devices that use a "bolt through" design are not acceptable. The use of two (2) piece steel half clamps are not acceptable due to poor weatherability and inherent rust problem.

T Connector Clamp

Shall be cast of high strength Almag 35 (535.0-F) aluminum alloy. (See Cast Almag Clamps) Finished with a 420 micro finish and a baked on polyester powder coating. (See Superdurable Polyester Powder Coat Finish)

Support Rod (14 Ga.)

Shall be fabricated of 1.315 in. outside diameter, 14 gauge galvanized steel tubing with a threaded insert. (See Tubing). Finished with a baked on polyester powder coating. (See Superdurable Polyester Powder Coat Finish)

Loop Ladder

Shall be an all welded assembly fabricated of 1.029 in. outside diameter, 14 gauge galvanized steel tubing; and 3.5 in. outside diameter, 13 gauge galvanized steel tubing. (See Tubing) Finished with a baked on polyester powder coating. (See Superdurable Polyester Powder Coat Finish)

Steel Tubing - 1.029 in. OD, 14 ga.

Tensile strength shall be 55,000 psi. Yield strength shall be 50,000 psi.

Steel Tubing - 1.315 in. OD, 14 ga.

Tensile strength shall be 75,000 psi. Yield strength shall be 60,000 psi.

Steel Tubing - 3.5 in. OD, 13 ga.

Tensile strength shall be 55,000 psi. Yield strength shall be 50,000 psi.

ZZPM5790



* See Note

Component Number:	ZZPM5790
Specification Rev:	ECN1452
Component Weight:	84.46 Lbs.
Number of Users:	3
Pre-Consumer Recycle:	3.57 Lbs.
Post-Consumer Recycle:	26.67 Lbs.
CO2e Footprint:	326.50 Kgs.

* The photos shown are for product representation only. The actual products may vary in size and color depending upon application.



Product Specifications

©Playworld Systems, Inc. Tuesday, May 05, 2009

OVERHEAD EVENT ACCESS LADDER (24in DECK)

5 in. Die Cast Clamp

Shall be die cast of high strength 380 aluminum alloy. Clamps shall be provided as hinged assemblies to facilitate structure assembly and an S-lap design to eliminate string entanglement. (See Die Cast Clamps) Finished with a shot blast and a powder coating. (See Superdurable Polyester Powder Coat Finish) Because a hinged clamp design provides the easiest and most flexible installation, clamps which incorporate a slip-through design or clamping devices that use a "bolt through" design are not acceptable. The use of two (2) piece steel half clamps are not acceptable due to poor weatherability and inherent rust problem.

Access Ladder

Shall be an all-welded assembly fabricated of 1.315 in. outside diameter, 14 gauge galvanized steel tubing; and 1.029 in. outside diameter, 14 gauge galvanized steel tubing. (See Tubing) Finished with a baked on polyester powder coating. (See Superdurable Polyester Powder Coat Finish)

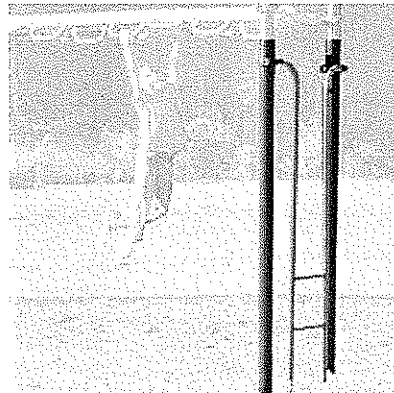
Steel Tubing - 1.029 in. OD, 14 ga.

Tensile strength shall be 55,000 psi. Yield strength shall be 50,000 psi.

Steel Tubing - 1.315 in. OD, 14 ga.

Tensile strength shall be 75,000 psi. Yield strength shall be 60,000 psi.

ZZPM5960



* See Note

Component Number:	ZZPM5960
Specification Rev:	ECN556
Component Weight:	26.96 Lbs.
Number of Users:	1
Amount of Concrete:	0.06 Yds.
Pre-Consumer Recycle:	1.03 Lbs.
Post-Consumer Recycle:	9.23 Lbs.
CO2e Footprint:	85.77 Kgs.

* The photos shown are for product representation only. The actual products may vary in size and color depending upon application.



Product Specifications

©Playworld Systems, Inc. Tuesday, May 05, 2009

TWIST-N-TWIRL

5 in. Cast Alum. Clamp Band - Wide

Shall be cast of high strength Almag 35 (535.0-F) aluminum alloy. (See Cast Almag Clamps) Finished with a 420 micro finish and a baked on polyester powder coating. (See Superdurable Polyester Powder Coat Finish).

5 in. Cast Clamp Band

Shall be cast of high strength Almag 35 (535.0-F) aluminum alloy. Finished with a 420 micro finish and a baked on polyester powder coating. (See Superdurable Polyester Powder Coat Finish)

Wobble Wheel

shall be an all welded assembly fabricated from 1.315 in. outside diameter, 14 gauge galvanized steel tubing, and 2 in. outside diameter, 1.5 in inside diameter seamless tubing. (See Tubing) Finished with a baked on polyester powder coating. (See Superdurable Polyester Powder Coat Finish) Shall have a factory installed teflon coated oilite bearing. Bearing is self-contained and will not need additional lubrication.

Collar Retainer

Shall be fabricated from 1.875 outside diameter 1215 steel tubing. Finished with a baked on polyester powder coating. (See Superdurable Polyester Powder Coat Finish).

Twist -N- Turn Frame

Shall be an all welded assembly fabricated from 2.375 in. outside diameter, 12 gauge galvanized steel tubing; 1.315 in. outside diameter, 14 gauge galvanized steel tubing; 1215 steel rod and .25 in. hot rolled flat steel. (See Tubing) Finished with a baked on polyester powder coating or PrismCoat. (See PrismCoat / Polyester Powder Coat Finish)

ZZPM6888



* See Note

Component Number:	ZZPM6888
Specification Rev:	PA891
Component Weight:	51.07 Lbs.
Number of Users:	1
Pre-Consumer Recycle:	2.25 Lbs.
Post-Consumer Recycle:	16.16 Lbs.
CO2e Footprint:	211.44 Kgs.

* The photos shown are for product representation only. The actual products may vary in size and color depending upon application.



Product Specifications

©Playworld Systems, Inc. Tuesday, May 05, 2009

UNDER CATWALK LOOP LADDER

Loop Ladder (Under Catwalk)

Shall be an all welded assembly fabricated of 1.029 in. Outside diameter, 14 gauge galvanized steel tubing; 1.315 in. Outside diameter, 14 gauge galvanized steel tubing; and 2.375 in. Outside diameter, 10 gauge galvanized steel tubing (See Tubing) Finished with a baked on polyester powder coating. (See Superdurable Polyester Powder Coat Finish)

Steel Tubing - 1.029 in. OD, 14 ga.

Tensile strength shall be 55,000 psi. Yield strength shall be 50,000 psi.

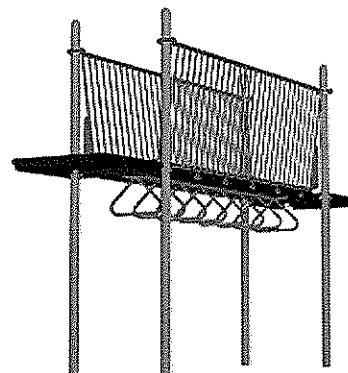
Steel Tubing - 1.315 in. OD, 14 ga.

Tensile strength shall be 75,000 psi. Yield strength shall be 60,000 psi.

Steel Tubing - 2.375 in. OD, 10 ga.

Tensile strength shall be 75,000 psi. Yield strength shall be 60,000 psi.

ZZUN6926



* See Note

Component Number:	ZZUN6926
Specification Rev:	PA1028
Component Weight:	57.17 Lbs.
Number of Users:	2
Pre-Consumer Recycle:	0.00 Lbs.
Post-Consumer Recycle:	17.10 Lbs.
CO2e Footprint:	196.89 Kgs.

* The photos shown are for product representation only. The actual products may vary in size and color depending upon application.



Product Specifications

©Playworld Systems, Inc. Tuesday, May 05, 2009

U-BOUNCE

Spring - C

Shall be fabricated of .3125 in. x 4 in. hot rolled steel. Finished with a baked on polyester powder coating or PrismCoat. (See PrismCoat / Polyester Powder Coat Finish)

5 in. Cast Clamp Band

Shall be cast of high strength Almag 35 (535.0-F) aluminum alloy. Finished with a 420 micro finish and a baked on polyester powder coating. (See Superdurable Polyester Powder Coat Finish)

U-Bounce Support Arm

Shall be an all welded assembly fabricated of 2.375 in. outside diameter, 10 gauge galvanized steel tubing, 11 gauge galvanized steel plate and .25 in. hot rolled flat steel. (See Tubing) Finished with a baked on polyester powder coating or PrismCoat. (See PrismCoat / Polyester Powder Coat Finish)

U-Bounce Frame w/ Bracket

Shall be an all welded assembly fabricated of 1.315 in. outside diameter, 14 gauge galvanized steel tubing, 1.66 in. outside diameter, 13 gauge galvanized steel tubing, 7/8 in. outside diameter x 7/16 in. inside diameter x 1 in. wall tubing, 7 gauge hot rolled, pickled and oiled flat steel, and 11 gauge hot rolled, pickled and oiled flat steel. (See Tubing). Finished with a baked on polyester powder coating. (See Superdurable Polyester Powder Coat Finish)

Platform/Seat

Shall be fabricated of reinforced rubber.

Steel Tubing - 1.315 in. OD, 14 ga.

Tensile strength shall be 75,000 psi. Yield strength shall be 60,000 psi.

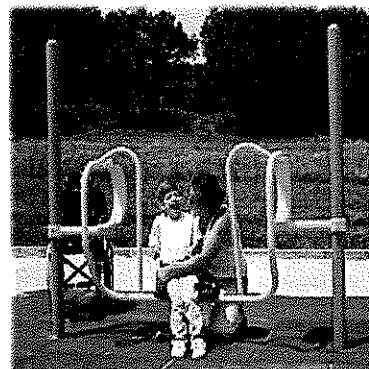
Steel Tubing - 1.66 in. OD, 13 ga.

Tensile strength shall be 75,000 psi. Yield strength shall be 60,000 psi.

Steel Tubing - 2.375 in. OD, 10 ga.

Tensile strength shall be 75,000 psi. Yield strength shall be 60,000 psi.

ZZPM6850



* See Note

Component Number:	ZZPM6850
Specification Rev:	ECN1602
Component Weight:	104.76 Lbs.
Number of Users:	1
Pre-Consumer Recycle:	3.34 Lbs.
Post-Consumer Recycle:	27.38 Lbs.
CO2e Footprint:	410.09 Kgs.

* The photos shown are for product representation only. The actual products may vary in size and color depending upon application.



Product Specifications

©Playworld Systems, Inc. Tuesday, May 05, 2009

6ft ARCH BRIDGE

5 in. Die Cast Clamp

Shall be die cast of high strength 380 aluminum alloy. Clamps shall be provided as hinged assemblies to facilitate structure assembly and an S-lap design to eliminate string entanglement. (See Die Cast Clamps) Finished with a shot blast and a powder coating. (See Superdurable Polyester Powder Coat Finish) Because a hinged clamp design provides the easiest and most flexible installation, clamps which incorporate a slip-through design or clamping devices that use a "bolt through" design are not acceptable. The use of two (2) piece steel half clamps are not acceptable due to poor weatherability and inherent rust problem.

Coated Arch Bridge - sm holes

Shall be an all welded assembly die formed from a single sheet of 14 gauge hot rolled, pickled and oiled flat steel. Platform surface shall have .34 in. (9 mm) diameter perforated holes. Entire weldment shall have a protective coating. (See Coated Finish)

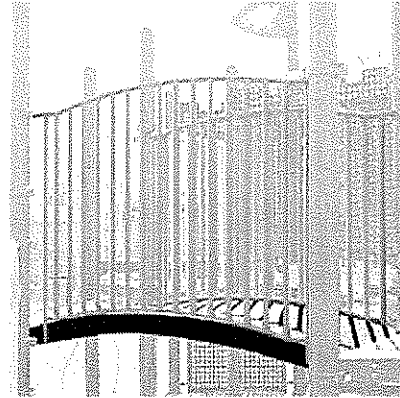
Arch Bridge Barrier / Guardrail

Shall be an all welded assembly fabricated of 1.029 in. outside diameter, 14 gauge galvanized steel tubing. (See Tubing) Shall have threaded inserts welded into the top rail. Finished with a baked on polyester powder coating or PrismCoat. (See PrismCoat / Polyester Powder Coat Finish)

Steel Tubing - 1.029 in. OD, 14 ga.

Tensile strength shall be 55,000 psi. Yield strength shall be 50,000 psi.

ZZPM6590



* See Note

Component Number:	ZZPM6590
Specification Rev:	ECN495
Component Weight:	223.35 Lbs.
Number of Users:	3
Pre-Consumer Recycle:	8.69 Lbs.
Post-Consumer Recycle:	63.87 Lbs.
CO2e Footprint:	675.12 Kgs.

* The photos shown are for product representation only. The actual products may vary in size and color depending upon application.



Product Specifications

©Playworld Systems, Inc. Tuesday, May 05, 2009

10ft CATWALK

5 in. Cast Clamp Band

Shall be cast of high strength Almag 35 (535.0-F) aluminum alloy. Finished with a 420 micro finish and a baked on polyester powder coating. (See Superdurable Polyester Powder Coat Finish)

Barrier (PM) - Catwalk w/ clamp bands

Shall be an all welded assembly fabricated of 1.029 in. outside diameter, 14 gauge galvanized steel tubing, 1.315 in. outside diameter, 14 gauge galvanized steel tubing, .25 in. hot rolled flat steel, .25 in. hot rolled pickled and oiled flat steel, and .188 in. hot rolled pickled and oiled flat steel. (See Tubing) Finished with a baked on polyester powder coating or PrismCoat. (See PrismCoat / Polyester Powder Coat Finish)

Deck Filler Plate - aluminum

Shall be fabricated of .50 in. aluminum. Finished with a baked on polyester powder coating or PrismCoat. (See PrismCoat / Polyester Powder Coat Finish)

Catwalk Platform (all 12 Ga.) - String Entg. Comp.

Platform weldment shall be fabricated of 12 gauge hot rolled, pickled and oiled flat steel and .375 cold rolled steel. Platform weldment shall have a protective coating. (See Coated Finish) Catwalk shall comply with ASTM Specifications: A-135, A-500, and A-513.

Steel Tubing - 1.029 in. OD, 14 ga.

Tensile strength shall be 55,000 psi. Yield strength shall be 50,000 psi.

Steel Tubing - 1.315 in. OD, 14 ga.

Tensile strength shall be 75,000 psi. Yield strength shall be 60,000 psi.

ZZPM6890



* See Note

Component Number:	ZZPM6890
Specification Rev:	ECN1465
Component Weight:	402.96 Lbs.
Number of Users:	5
Pre-Consumer Recycle:	12.65 Lbs.
Post-Consumer Recycle:	118.39 Lbs.
CO2e Footprint:	1,170.63 Kgs.

* The photos shown are for product representation only. The actual products may vary in size and color depending upon application.



Product Specifications

©Playworld Systems, Inc. Tuesday, May 05, 2009

9in BELL (POST MOUNT)

5 in. Cast Clamp Band

Shall be cast of high strength Almag 35 (535.0-F) aluminum alloy. Finished with a 420 micro finish and a baked on polyester powder coating. (See Superdurable Polyester Powder Coat Finish)

Bell - Aluminum

Cast of regular 319 (319.0-F) aluminum. Ultimate tensile strength shall be 27 ksi. Yield strength shall be 18 ksi. Finished with a 420 micro finish and a baked on polyester powder coating. (See Polyester Powder Coat / PrismCoat Finish) ASTM Specifications: B-26. Federal Specifications: QQ-A-601

Bracket - Bell

Shall be an all welded assembly fabricated of 1.315 in. Outside diameter, 14 gauge galvanized steel tubing and .25 in. zinc plated, hot rolled flat steel. (See Tubing) Finished with a baked on polyester powder coat or PrismCoat. (See PrismCoat / Polyester Powder Coat Finish)

Steel Tubing - 1.315 in. OD, 14 ga.

Tensile strength shall be 75,000 psi. Yield strength shall be 60,000 psi.

ZZPM4558



* See Note

Component Number:	ZZPM4558
Specification Rev:	PA0979
Component Weight:	6.53 Lbs.
Number of Users:	1
Pre-Consumer Recycle:	1.88 Lbs.
Post-Consumer Recycle:	2.84 Lbs.
CO2e Footprint:	59.95 Kgs.

* The photos shown are for product representation only. The actual products may vary in size and color depending upon application.



Product Specifications

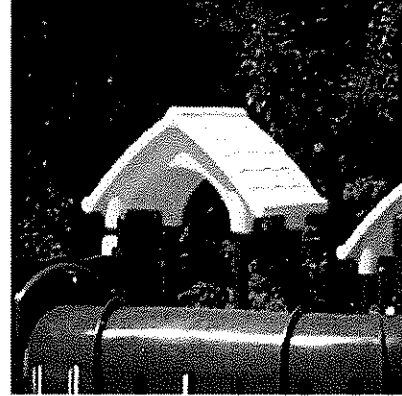
©Playworld Systems, Inc. Tuesday, May 05, 2009

CABANA ROOF

Rotomolded Roof

Shall be rotationally molded from linear low density polyethylene. (See Rotationally Molded Plastic Parts) Dry-blended or molded-in color resins are not acceptable. Any graphics shall be molded in during the manufacturing process.

ZZPM9846



* See Note

Component Number:	ZZPM9846
Specification Rev:	PA0985
Component Weight:	123.05 Lbs.
Pre-Consumer Recycle:	0.00 Lbs.
Post-Consumer Recycle:	0.00 Lbs.
CO2e Footprint:	591.30 Kgs.

* The photos shown are for product representation only. The actual products may vary in size and color depending upon application.



Product Specifications

©Playworld Systems, Inc. Tuesday, May 05, 2009

24in ACCESSIBLE STEPPED PLATFORM (DECK TO DECK)

5 in. Die Cast Clamp

Shall be die cast of high strength 380 aluminum alloy. Clamps shall be provided as hinged assemblies to facilitate structure assembly and an S-lap design to eliminate string entanglement. (See Die Cast Clamps) Finished with a shot blast and a powder coating. (See Superdurable Polyester Powder Coat Finish) Because a hinged clamp design provides the easiest and most flexible installation, clamps which incorporate a slip-through design or clamping devices that use a "bolt through" design are not acceptable. The use of two (2) piece steel half clamps are not acceptable due to poor weatherability and inherent rust problem.

Stair / Ladder Handrail

Shall be an all welded assembly fabricated of 1.029 in. outside diameter, 14 gauge galvanized steel tubing and 1.315 in. outside diameter, 14 gauge galvanized steel tubing. (See Tubing) Shall be finished with a baked on polyester powder coating. (See Superdurable Polyester Powder Coat Finish)

Coated Perf. Stair / Accessible Stair

Shall be an all welded assembly fabricated of 14 gauge hot rolled, pickled, and oiled flat steel and 11 gauge hot rolled, pickled and oiled flat steel. Stair surface shall have .34 in. (9 mm) perforated holes. Entire stair assembly shall have a protective coating. (See Coated Finish)

Angle Clip / Plank

Shall be fabricated of 12 gauge hot rolled, pickled, and oiled flat steel. Angle clip / plank shall have a protective coating. (See Coated Finish)

Steel Tubing - 1.029 in. OD, 14 ga.

Tensile strength shall be 55,000 psi. Yield strength shall be 50,000 psi.

Steel Tubing - 1.315 in. OD, 14 ga.

Tensile strength shall be 75,000 psi. Yield strength shall be 60,000 psi.

ZZPM9170



* See Note

Component Number:	ZZPM9170
Specification Rev:	PA756
Component Weight:	174.86 Lbs.
Number of Users:	1
Pre-Consumer Recycle:	9.47 Lbs.
Post-Consumer Recycle:	54.41 Lbs.
CO2e Footprint:	596.38 Kgs.

* The photos shown are for product representation only. The actual products may vary in size and color depending upon application.



Product Specifications

©Playworld Systems, Inc. Tuesday, May 05, 2009

3-1/2in OD 2-UNIT STEEL ARCH SWING W-8ft TOP RAIL

ZZXX0288

Swing Clevis - cast iron/ plated

Shall be manufactured of superior grade cast ductile iron and zinc plated for optimal surface protection. Shall have an integrated bronze bearing pressed in after powdercoating. Shall be finished with a baked on polyester powder coat. (See Superdurable Polyester Powder Coat Finish)

3.5 in. Swing Hanger / Band - cast iron

Shall be manufactured of superior grade cast ductile iron and galvanized. The swing hanger and band together shall have an ultimate tensile load of 5000 lbs. Shall be finished with a baked on polyester powder coat. (See Superdurable Polyester Powder Coat Finish)

3.5 in. Swing Arch Top Rail

Shall be an all welded assembly fabricated of 3.5 in. outside diameter, 13 gauge galvanized steel tubing. (See Tubing) Finished with a baked on polyester powder coating or PrismCoat. (See PrismCoat / Polyester Powder Coat Finish)

Post Arch - steel (11 ga / 4in od)

Shall be an all welded assembly fabricated of 3.5 in. outside diameter, 11 gauge galvanized steel tubing (arch), 4 in. outside diameter, 8 gauge galvanized steel tubing (sleeve), and 1006 cold rolled steel. (See Tubing) Finished with powder coating. (See Polyester Powder Coat Finish)

Steel Tubing - 3.5 in. OD, 11ga.

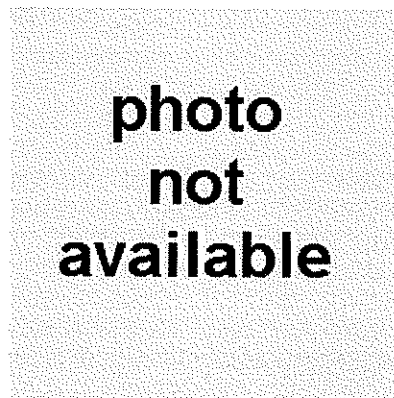
Tensile strength shall be 48,000 psi. Yield strength shall be 45,000 psi.

Steel Tubing - 3.5 in. OD, 13 ga.

Tensile strength shall be 55,000 psi. Yield strength shall be 50,000 psi.

Steel Tubing - 4 in. OD, 8 ga.

Tensile strength shall be 48,000 psi. Yield strength shall be 45,000 psi.



* See Note

Component Number:	ZZXX0288
Specification Rev:	ECN1620
Component Weight:	293.51 Lbs.
Amount of Concrete:	0.52 Yds.
Pre-Consumer Recycle:	0.00 Lbs.
Post-Consumer Recycle:	82.34 Lbs.
CO2e Footprint:	845.84 Kgs.

* The photos shown are for product representation only. The actual products may vary in size and color depending upon application.



Product Specifications

©Playworld Systems, Inc. Tuesday, May 05, 2009

3-1/2in OD STEEL ARCH SWING 2-UNIT ADD-A-BAY ZZXX0375

Swing Clevis - cast iron/ plated

Shall be manufactured of superior grade cast ductile iron and zinc plated for optimal surface protection. Shall have an integrated bronze bearing pressed in after powdercoating. Shall be finished with a baked on polyester powder coat. (See Superdurable Polyester Powder Coat Finish)

3.5 in. Swing Hanger / Band - cast iron

Shall be manufactured of superior grade cast ductile iron and galvanized. The swing hanger and band together shall have an ultimate tensile load of 5000 lbs. Shall be finished with a baked on polyester powder coat. (See Superdurable Polyester Powder Coat Finish)

3.5 in. Swing Arch Top Rail

Shall be an all welded assembly fabricated of 3.5 in. outside diameter, 13 gauge galvanized steel tubing. (See Tubing) Finished with a baked on polyester powder coating or PrismCoat. (See PrismCoat / Polyester Powder Coat Finish)

Post Arch - steel (11 ga / 4in od)

Shall be an all welded assembly fabricated of 3.5 in. outside diameter, 11 gauge galvanized steel tubing (arch), 4 in. outside diameter, 8 gauge galvanized steel tubing (sleeve), and 1006 cold rolled steel. (See Tubing) Finished with powder coating. (See Polyester Powder Coat Finish)

Steel Tubing - 3.5 in. OD, 11ga.

Tensile strength shall be 48,000 psi. Yield strength shall be 45,000 psi.

Steel Tubing - 3.5 in. OD, 13 ga.

Tensile strength shall be 55,000 psi. Yield strength shall be 50,000 psi.

Steel Tubing - 4 in. OD, 8 ga.

Tensile strength shall be 48,000 psi. Yield strength shall be 45,000 psi.

photo
not
available

* See Note

Component Number:	ZZXX0375
Specification Rev:	ECN1620
Component Weight:	179.11 Lbs.
Amount of Concrete:	0.52 Yds.
Pre-Consumer Recycle:	0.00 Lbs.
Post-Consumer Recycle:	48.02 Lbs.
CO2e Footprint:	539.46 Kgs.

* The photos shown are for product representation only. The actual products may vary in size and color depending upon application.



Product Specifications

©Playworld Systems, Inc. Tuesday, May 05, 2009

INFANT SEAT W/SILVER SHIELD FOR 8ft TOP RAIL

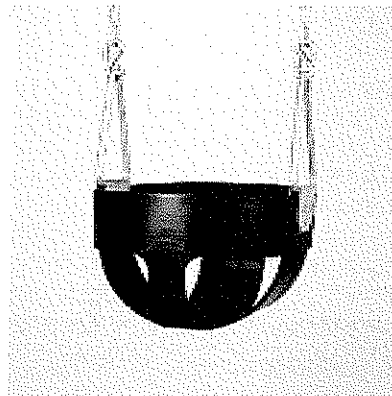
ZZXX0265

Chain - 4/0 - galvanized

Shall be 4/0 hot dipped galvanized welded link chain. The chain links are low carbon 1008 steel. The Rockwell would be on the B scale @ 90. The working load limit for this chain is 670 lbs.

Swing Seat - infant

Shall be fabricated from .5 in. (13 mm) thick ethylene propylene diene monomer with a T-301 full hard .020 in. (.51 mm) carbon steel insert. A triangular galvanized steel bracket and plate shall be secured to seat with galvanized rivets for chain attachments. Seat shall be slash-proof.



* See Note

Component Number:	ZZXX0265
Specification Rev:	ECN1836
Component Weight:	11.31 Lbs.
Number of Users:	1
Pre-Consumer Recycle:	0.00 Lbs.
Post-Consumer Recycle:	2.72 Lbs.
CO2e Footprint:	126.00 Kgs.

* The photos shown are for product representation only. The actual products may vary in size and color depending upon application.



Product Specifications

©Playworld Systems, Inc. Tuesday, May 05, 2009

BELT SEAT W/SILVER SHIELD CHAIN FOR 8ft TOP RAIL

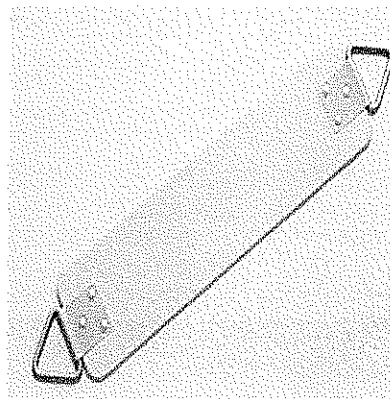
Chain - 4/0 - galvanized

Shall be 4/0 hot dipped galvanized welded link chain. The chain links are low carbon 1008 steel. The Rockwell would be on the B scale @ 90. The working load limit for this chain is 670 lbs.

Swing Seat - belt

Shall be fabricated from .5 in. (13 mm) thick ethylene propylene diene monomer with a T-301 full hard .020 in. (.51 mm) carbon steel insert. A triangular galvanized steel bracket and plate shall be secured to seat with galvanized rivets for chain attachments. Seat shall be slash-proof.

ZZXX0260



* See Note

Component Number:	ZZXX0260
Specification Rev:	ECN1836
Component Weight:	8.37 Lbs.
Number of Users:	1
Pre-Consumer Recycle:	0.00 Lbs.
Post-Consumer Recycle:	3.64 Lbs.
CO2e Footprint:	70.32 Kgs.

* The photos shown are for product representation only. The actual products may vary in size and color depending upon application.



Product Specifications

©Playworld Systems, Inc. Tuesday, May 05, 2009

6ft PERMANENT BENCH (COATED PLANKS & FRAME)

Bench Frame - Coated

Shall be an all welded assembly consisting of 2.375 in. outside diameter, 12 gauge hot rolled, pickled and oiled steel tubing and 12 gauge hot rolled, pickled and oiled steel plate. Finished with a protective coating. (See Coated Finish)

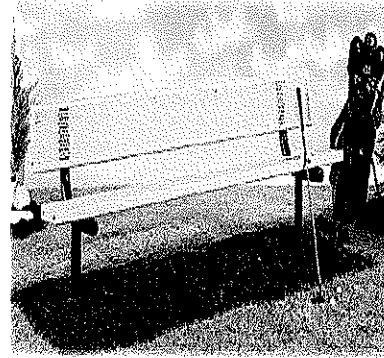
Coated Perf. Bench Plank - .5" holes

Bench planks shall be an all-welded assembly fabricated of 14 gauge hot rolled, pickled and oiled flat steel. Bench planks surface and sides shall be die-formed from a single sheet of 14 gauge hot rolled, pickled and oiled flat steel. Bench planks surface shall have .5 in. (13 mm) diameter perforated holes. Bench planks shall have a protective coating. (See Coated Finish)

Steel Tubing - 2.375 in. OD, 12 ga.

Tensile strength shall be 75,000 psi. Yield strength shall be 60,000 psi.

ZZXX1410



* See Note

Component Number:	ZZXX1410
Specification Rev:	ECN1048
Component Weight:	85.49 Lbs.
Amount of Concrete:	0.16 Yds.
Pre-Consumer Recycle:	3.50 Lbs.
Post-Consumer Recycle:	23.35 Lbs.
CO2e Footprint:	181.36 Kgs.

* The photos shown are for product representation only. The actual products may vary in size and color depending upon application.



Product Specifications

©Playworld Systems, Inc. Tuesday, May 05, 2009

FREE-STANDING RUMBLE SEAT (60in DECK)

Connector / Adapter - 535 Almag

Shall be cast of high strength Almag 35 (535.0-F) aluminum alloy. (See Cast Almag Clamps) Finished with a 420 micro finish and a baked on polyester powder coating. (See Superdurable Polyester Powder Coat Finish)

Spacer / Connector - Almag 35

Shall be cast of high strength Almag 35 (535.0-F) aluminum alloy. (See Cast Almag Clamps) Finished with a 420 micro finish and a baked on polyester powder coating. (See SuperDurable Polyester Powder Coat Finish)

Slide Guardrail - freestanding

Shall be an all welded assembly fabricated of 1.315 in. outside diameter, 14 gauge galvanized steel tubing and 1.029 in. outside diameter, 14 gauge galvanized steel tubing. (See Tubing) Finished with a baked on polyester powder coating. (See SuperDurable Polyester Powder Coat Finish)

Barrier Gate - Round Tube -Upper (7 Gauge Tab)

Shall be fabricated of 1.315 in. outside diameter, 14 gauge galvanized steel tubing and 7 gauge hot rolled, pickled and oiled flat steel. (See Tubing) All tube to tube weld connections shall be coped before welding to provide a clean look and the strongest joint possible. Flattened or partially flattened tube weld connections are not acceptable. Finished with a baked on polyester powder coating. (See Superdurable Polyester Powder Coat Finish)

Rail 14 ga. w/ inserts

Shall be fabricated of 1.315 in. outside diameter, 14 gauge galvanized steel tubing (See Tubing). Shall have factory installed crimped threaded inserts at each end. Finished with a baked on polyester powder coating. (See SuperDurable Polyester Powder Coat Finish)

Exit Support Post - 3.5 in.

Shall be an all welded assembly fabricated of 3.5 in. outside diameter, 13 gauge galvanized steel tubing and 11 gauge zinc plated hot rolled flat steel. (See Tubing) Finished with a baked on polyester powder coating. (See SuperDurable Polyester Powder Coat Finish)
ASTM Specifications: A-36,

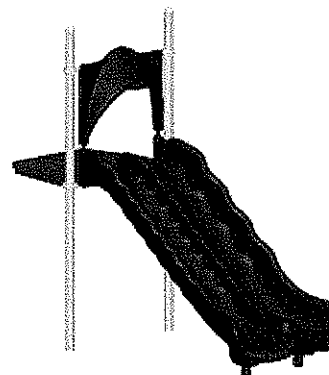
Stair / Ladder Handrail

Shall be an all welded assembly fabricated of 1.029 in. outside diameter, 14 gauge galvanized steel tubing and 1.315 in. outside diameter, 14 gauge galvanized steel tubing. (See Tubing) Shall be finished with a baked on polyester powder coating. (See Superdurable Polyester Powder Coat Finish)

Footing Leg - 1.029 in. O.D.

Shall be fabricated of 1.029 in. outside diameter, 14 gauge

ZZCH2738



* See Note

Component Number:	ZZCH2738
Specification Rev:	ECN1498
Component Weight:	503.20 Lbs.
Number of Users:	6
Amount of Concrete:	0.38 Yds.
Pre-Consumer Recycle:	8.26 Lbs.
Post-Consumer Recycle:	93.62 Lbs.
CO2e Footprint:	1,760.41 Kgs.

galvanized steel tubing with crimped-in threaded inserts. Finished with a baked on polyester powder coating. (See SuperDurable Polyester Powder Coat Finish)

Spacer / Connector - 319 aluminum*

Cast of regular 319 (319.0-F) aluminum. Ultimate tensile strength shall be 27 ksi. Yield strength shall be 18 ksi. Finished with a 420 micro finish and a baked on polyester powder coating. (See Superdurable Polyester Powder Coat Finish) ASTM Specifications: B-26. Federal Specifications: QQ-A-601.

Rotomolded Slide / Canopy

Shall be rotationally molded from linear low density polyethylene. (See Rotationally Molded Plastic Parts) Dry-blended or molded-in color resins are not acceptable.

Coated Perf. Stair / Accessible Stair

Shall be an all welded assembly fabricated of 14 gauge hot rolled, pickled, and oiled flat steel and 11 gauge hot rolled, pickled and oiled flat steel. Stair surface shall have .34 in. (9 mm) perforated holes. Entire stair assembly shall have a protective coating. (See Coated Finish)

Coated Deck / Platform - 12 ga

Shall be an all welded assembly fabricated of 12 gauge hot rolled, pickled and oiled flat steel. Deck surface and sides shall be die formed from a single sheet of 12 gauge hot rolled, pickled and oiled flat steel. Deck surface shall have .34 in. (9mm) diameter perforated holes. Entire weldment shall have a protective coating. (See Coated Finish)

3.5 in. Support Post with End Cap

Shall be fabricated of 3.5 in. Outside diameter, 13 gauge galvanized steel tubing. (See Tubing) Shall have a factory installed 319 type aluminum alloy end cap secured with drive rivets. Finished with a baked on polyester powder coating. (See Superdurable Polyester Powder Coat Finish)

Steel Tubing - 1.029 in. OD, 14 ga.

Tensile strength shall be 55,000 psi. Yield strength shall be 50,000 psi.

Steel Tubing - 1.315 in. OD, 14 ga.

Tensile strength shall be 75,000 psi. Yield strength shall be 60,000 psi.

Steel Tubing - 3.5 in. OD, 11ga.

Tensile strength shall be 48,000 psi. Yield strength shall be 45,000 psi.

Steel Tubing - 3.5 in. OD, 13 ga.

Tensile strength shall be 55,000 psi. Yield strength shall be 50,000 psi.

* The photos shown are for product representation only. The actual products may vary in size and color depending upon application.



Product Specifications

©Playworld Systems, Inc. Tuesday, May 05, 2009

SPRING RIDER - WAVEWINDER

Casting - Spring Wedge

Cast of regular 535 (-F) almag aluminum. Ultimate tensile strength shall be 35 ksi. Yield strength shall be 18 ksi. Finished with a 420 micro finish and a baked on polyester powder coating. (See Superdurable Polyester Powder Coat Finish) ASTM Specifications: B-26. Federal Specifications: QQ-A-601.

Cap -319 Almag Alum

Cast of regular 319 (319.0-F) aluminum. Ultimate tensile strength shall be 23 ksi. Yield strength shall be 13 ksi. Finished with a 420 micro finish and a baked on polyester powder coating. (See Superdurable Polyester Powder Coat Finish) ASTM Specifications: B-26. Federal Specifications: QQ-A-601.

Footrest / Gate Adapter

Shall be cast of high strength Almag 35 (535.0-F) aluminum alloy. (See Cast Almag Clamps) Finished with a 420 micro finish and a baked on polyester powder coating or PrismCoat. (See PrismCoat / Polyester Powder Coat Finish)

Bracket - 14 gauge HRPO

Shall be fabricated of 14 gauge, zinc plated, hot rolled, pickled and oiled flat steel. Finished with a baked on polyester powder coating. (See Polyester Powder Coat Finish)

Bracket - 7 gauge HRPO

Shall be an all welded assembly fabricated of 7 gauge, zinc plated, hot rolled, pickled and oiled flat steel. Finished with a baked on polyester powder coating. (See Polyester Powder Coat Finish)

Fab metal - sidewinder

Shall be an all welded assembly fabricated of 16 gauge galvanized steel tubing, 12 gauge galvanized steel, .25 in. hot rolled pickled and oiled steel and .125 in. steel plate. (See Tubing) Finished with a baked on polyester powder coating. (See Superdurable Polyester Powder Coat Finish).

Plate - 7 GA

Shall be fabricated from 7 gauge galvanized hot rolled pickled and oiled flat steel. Finished with a baked on polyester powder coating. (See Superdurable Polyester Powder Coat Finish)

Spring - 400 mm

Shall be manufactured from stainless steel 20 mm diameter wire. Shall have an outside diameter of 180 mm Coil direction shall be right-handed. Complies to ASTM A-227 / A-227M-90 standard specifications for steel wire, cold drawn for mechanical springs.

Surfacing Warning Label

Shall be a pressure sensitive adhesive white vinyl label laminated with clear mylar for weather resistance. Shall contain the following

ZZXX0593



* See Note

Component Number:	ZZXX0593
Specification Rev:	ECN1867
Component Weight:	66.47 Lbs.
Pre-Consumer Recycle:	10.41 Lbs.
Post-Consumer Recycle:	23.50 Lbs.
CO2e Footprint:	526.55 Kgs.

text: Warning! Installation over a hard surface such as concrete, asphalt, or packed earth may result in serious injury or death from falls. Shall be tamper resistant to deter removal.

Plastic Panel - .5 in.

Shall be fabricated of .50 in. (12 mm) high density sheet polyethylene. Shall be ultraviolet (UV) stabilized. Meets FDA requirements. ASTM Specifications: D-1238 (Melt Index), D-1505 (Material Density), D-638 (Tensile Strength), D-648 (Heat Distortion Temperature) D-790 (Flexural Modulus), D-1693 and D-2561 (Environmental Stress Crack Resistance), D-2240 (Hardness), D-1822 (Tensile Impact), D-746 (Brittleness), D-1525 (Vicat Softening Point).

Spring Rider Seat

Shall be rotationally molded from Exxon CP-812 polyethylene. (See Rotationally Molded Plastic Parts) Dry-blended or molded-in color resins are not acceptable

Steel Tubing - 1.029 in. OD, 14 ga.

Tensile strength shall be 55,000 psi. Yield strength shall be 50,000 psi.

* The photos shown are for product representation only. The actual products may vary in size and color depending upon application.



Product Specifications

©Playworld Systems, Inc. Tuesday, May 05, 2009

SPRING RIDER SIDEWINDER CYCLE

Casting - Spring Wedge

Cast of regular 535 (-F) almag aluminum. Ultimate tensile strength shall be 35 ksi. Yield strength shall be 18 ksi. Finished with a 420 micro finish and a baked on polyester powder coating. (See Superdurable Polyester Powder Coat Finish) ASTM Specifications: B-26. Federal Specifications: QQ-A-601.

Cap -319 Almag Alum

Cast of regular 319 (319.0-F) aluminum. Ultimate tensile strength shall be 23 ksi. Yield strength shall be 13 ksi. Finished with a 420 micro finish and a baked on polyester powder coating. (See Superdurable Polyester Powder Coat Finish) ASTM Specifications: B-26. Federal Specifications: QQ-A-601.

Spacer - 14 ga.*

Shall be fabricated of 1.029 in. outside diameter, 14 gauge galvanized steel with .375 in. -16 threaded inserts crimped in each end. (See Tubing) Finished with a baked on polyester powder coating or PrismCoat. (See PrismCoat / Polyester Powder Coat Finish)

Footrest / Gate Adapter

Shall be cast of high strength Almag 35 (535.0-F) aluminum alloy. (See Cast Almag Clamps) Finished with a 420 micro finish and a baked on polyester powder coating or PrismCoat. (See PrismCoat / Polyester Powder Coat Finish)

Bracket - 14 gauge HRPO

Shall be fabricated of 14 gauge, zinc plated, hot rolled, pickled and oiled flat steel. Finished with a baked on polyester powder coating. (See Polyester Powder Coat Finish)

Fab metal - sidewinder

Shall be an all welded assembly fabricated of 16 gauge galvanized steel tubing, 12 gauge galvanized steel, .25 in. hot rolled pickled and oiled steel and .125 in. steel plate. (See Tubing) Finished with a baked on polyester powder coating. (See Superdurable Polyester Powder Coat Finish).

Bracket - 7 gauge HRPO

Shall be an all welded assembly fabricated of 7 gauge, zinc plated, hot rolled, pickled and oiled flat steel. Finished with a baked on polyester powder coating. (See Polyester Powder Coat Finish)

Plate - 7 GA

Shall be fabricated from 7 gauge galvanized hot rolled pickled and oiled flat steel. Finished with a baked on polyester powder coating. (See Superdurable Polyester Powder Coat Finish)

Spring - 400 mm

Shall be manufactured from stainless steel 20 mm diameter wire. Shall have an outside diameter of 180 mm Coil direction shall be

ZZXX0583



* See Note

Component Number:	ZZXX0583
Specification Rev:	ECN1867
Component Weight:	66.91 Lbs.
Pre-Consumer Recycle:	10.65 Lbs.
Post-Consumer Recycle:	23.44 Lbs.
CO2e Footprint:	560.80 Kgs.

right-handed. Complies to ASTM A-227 / A-227M-90 standard specifications for steel wire, cold drawn for mechanical springs.

Plastic Panel - .5 in.

Shall be fabricated of .50 in. (12 mm) high density sheet polyethylene. Shall be ultraviolet (UV) stabilized. Meets FDA requirements. ASTM Specifications: D-1238 (Melt Index), D-1505 (Material Density), D-638 (Tensile Strength), D-648 (Heat Distortion Temperature) D-790 (Flexural Modulus), D-1693 and D-2561 (Environmental Stress Crack Resistance), D-2240 (Hardness), D-1822 (Tensile Impact), D-746 (Brittleness), D-1525 (Vicat Softening Point).

Spring Rider Seat

Shall be rotationally molded from Exxon CP-812 polyethylene. (See Rotationally Molded Plastic Parts) Dry-blended or molded-in color resins are not acceptable

Surfacing Warning Label

Shall be a pressure sensitive adhesive white vinyl label laminated with clear mylar for weather resistance. Shall contain the following text: Warning! Installation over a hard surface such as concrete, asphalt, or packed earth may result in serious injury or death from falls. Shall be tamper resistant to deter removal.

Steel Tubing - 1.029 in. OD, 14 ga.

Tensile strength shall be 55,000 psi. Yield strength shall be 50,000 psi.

* The photos shown are for product representation only. The actual products may vary in size and color depending upon application.